

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021883.D
 Acq On : 13 May 2016 00:37
 Operator : UM/SJ
 Sample : H2936-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WLO

Manual Integrations
 APPROVED

sohil
 5/13/2016 8:13:35 PM

Quant Time: May 13 08:00:08 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 04:58:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	70346	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	358922	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.80	164	219173	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	459402	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	462893	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	462206	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	5014	3.44	ng/uL	0.00
5) Phenol-d5	7.32	99	119838	22.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	56732	21.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	110594	27.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	105392	24.04	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	55373	23.47	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	61476	41.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	113242	26.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	90858m	20.01	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	350219	22.75	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	476057	21.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	51370	19.47	ng/ul	0.00
58) Fluorene-d10	15.78	176	323509	19.96	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	34187	26.86	ng/ul	0.00
71) Anthracene-d10	17.64	188	450086	20.13	ng/ul	0.00
77) Pyrene-d10	19.91	212	482282	22.26	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	462349	21.05	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	14.24	163	43425	2.77	ng/ul	99
70) Phenanthrene	17.58	178	34227	1.36	ng/ul	96
75) Fluoranthene	19.58	202	60231	2.11	ng/ul	96
78) Pyrene	19.94	202	52189	1.95	ng/ul	96
81) Benzo(a)anthracene	21.80	228	29720	1.15	ng/ul	99
82) Bis(2-ethylhexyl)phthalate	21.69	149	30182	3.12	ng/ul#	98
83) Chrysene	21.87	228	36037m	1.41	ng/ul	
86) Benzo(b)fluoranthene	24.10	252	44857	1.70	ng/ul#	94
89) Benzo(a)pyrene	25.00	252	30806	1.17	ng/ul#	82

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

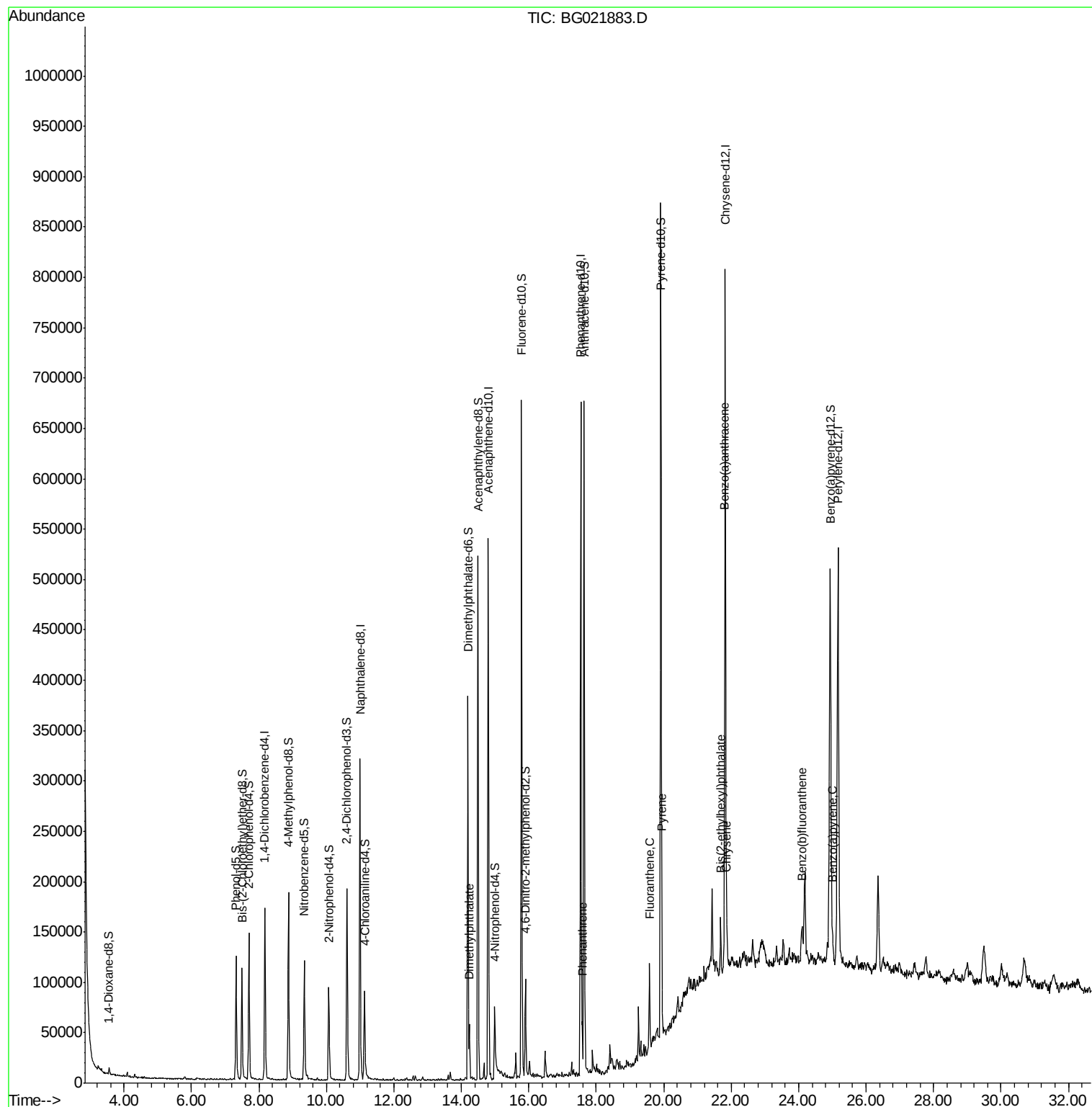
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021883.D
Acq On : 13 May 2016 00:37
Operator : UM/SJ
Sample : H2936-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

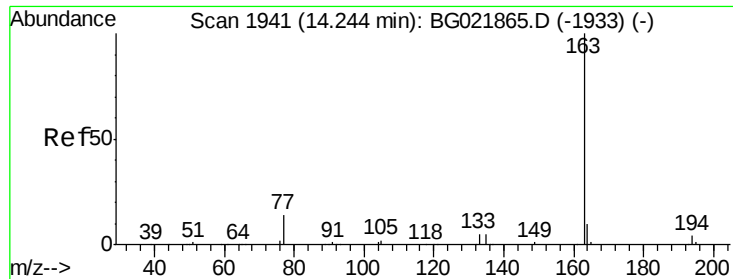
Instrument :
BNA_G
ClientSampleId :
D9WL0

Manual Integrations
APPROVED

sohil
5/13/2016 8:13:35 PM

Quant Time: May 13 08:00:08 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 13 04:58:59 2016
Response via : Initial Calibration





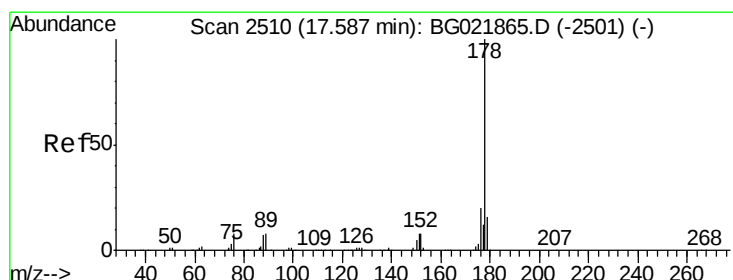
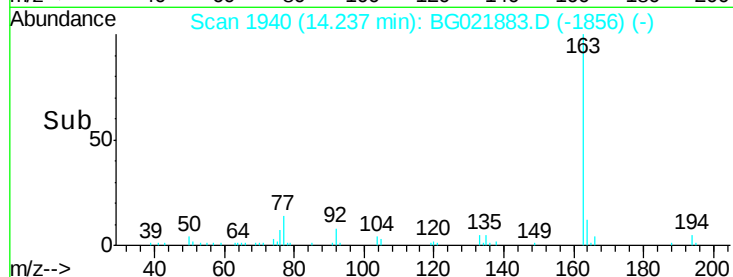
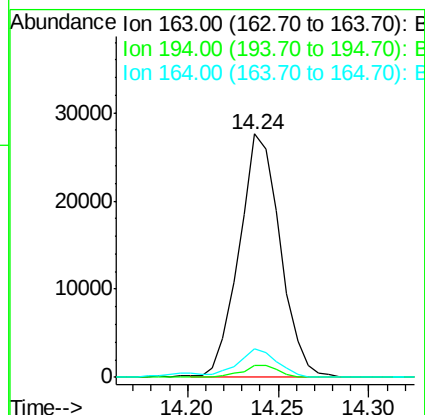
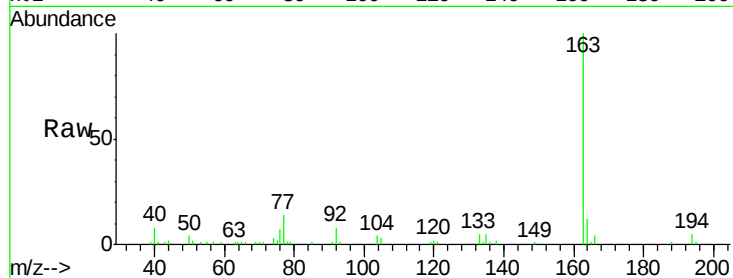
#45
 Dimethylphthalate
 Concen: 2.77 ng/ul
 RT: 14.24 min Scan# 1940
 Delta R.T. -0.01 min
 Lab File: BG021883.D
 Acq: 13 May 2016 00:37

Instrument :
 BNA_G
 ClientSampleId :
 D9WLO

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	43425		
194	4.8		3.9	5.9
164	11.6		8.7	13.1

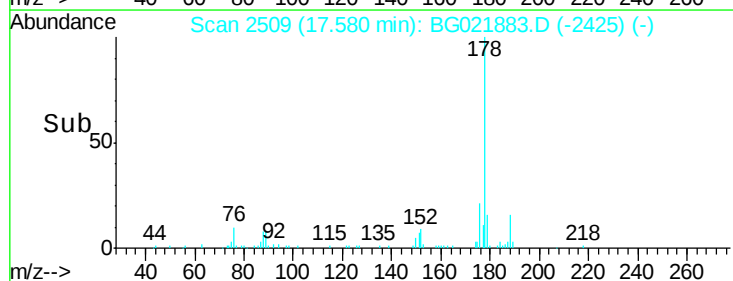
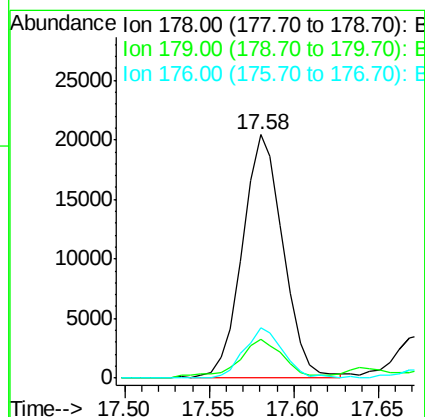
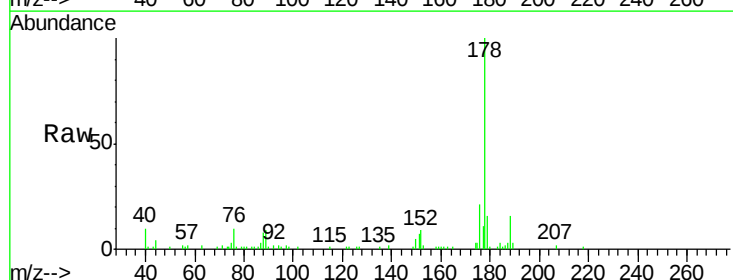
Manual Integrations
 APPROVED

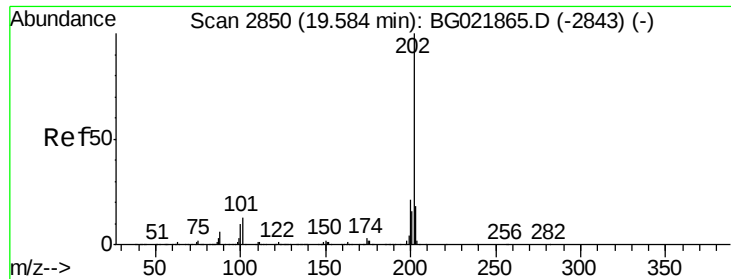
sohil
 5/13/2016 8:13:35 PM



#70
 Phenanthrene
 Concen: 1.36 ng/ul
 RT: 17.58 min Scan# 2509
 Delta R.T. -0.01 min
 Lab File: BG021883.D
 Acq: 13 May 2016 00:37

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	34227		
179	16.0		11.8	17.8
176	20.9		14.8	22.2





#75

Fluoranthene

Concen: 2.11 ng/ul

RT: 19.58 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG021883.D

Acq: 13 May 2016 00:37

Instrument :

BNA_G

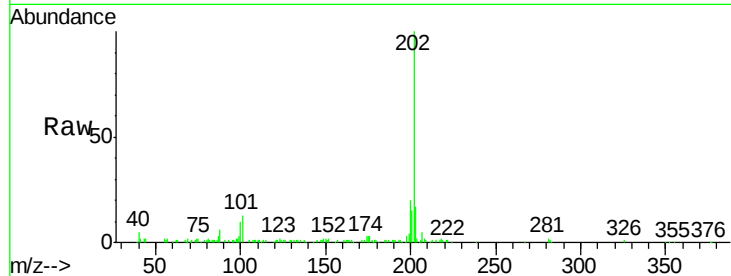
ClientSampleId :

D9WL0

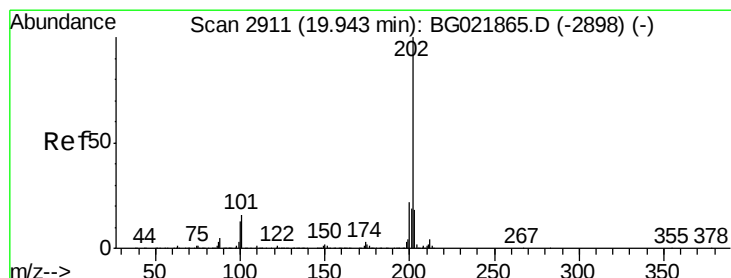
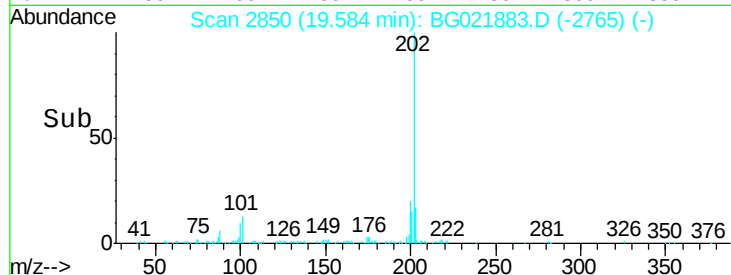
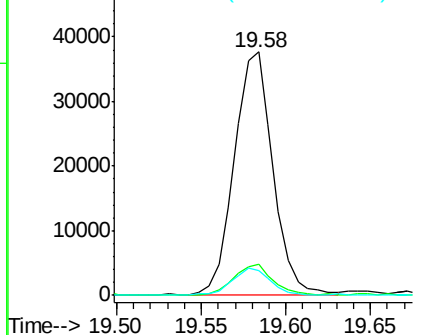
Tgt	Ion	202	Resp:	60231
Ion	Ratio	Lower	Upper	
202	100			
101	12.8	8.9	13.3	
100	10.2	7.0	10.4	

Manual Integrations
APPROVED

sohil
5/13/2016 8:13:35 PM



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



#78

Pyrene

Concen: 1.95 ng/ul

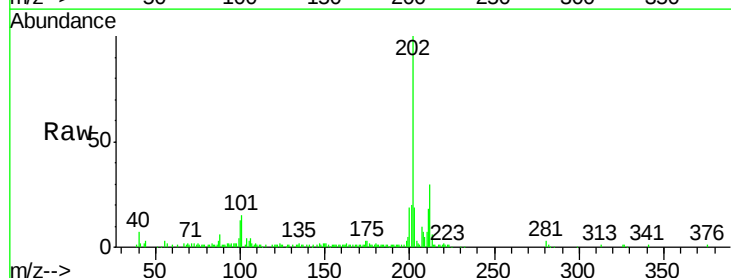
RT: 19.94 min Scan# 2911

Delta R.T. -0.00 min

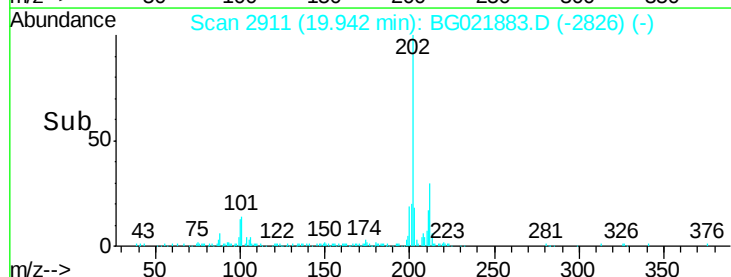
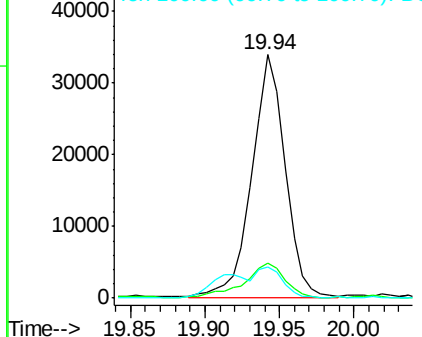
Lab File: BG021883.D

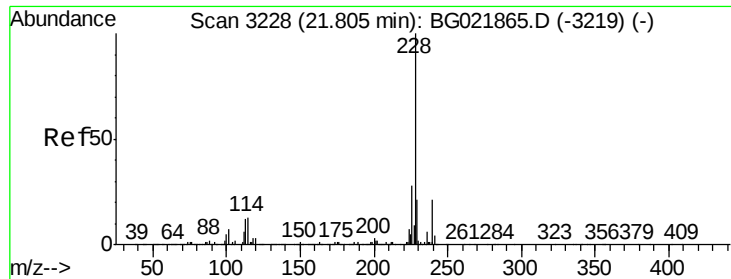
Acq: 13 May 2016 00:37

Tgt	Ion	202	Resp:	52189
Ion	Ratio	Lower	Upper	
202	100			
101	14.5	9.8	14.8	
100	12.8	9.3	13.9	



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





#81

Benzo(a)anthracene

Concen: 1.15 ng/ul

RT: 21.80 min Scan# 3228

Delta R.T. -0.00 min

Lab File: BG021883.D

Acq: 13 May 2016 00:37

Instrument :

BNA_G

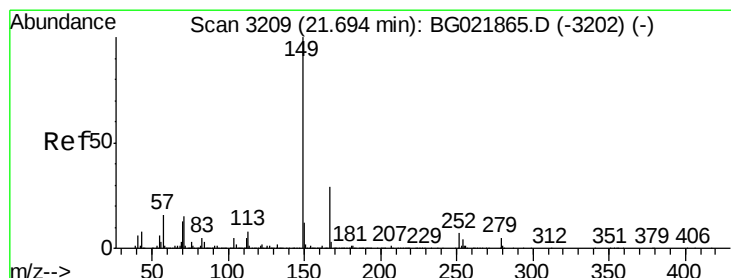
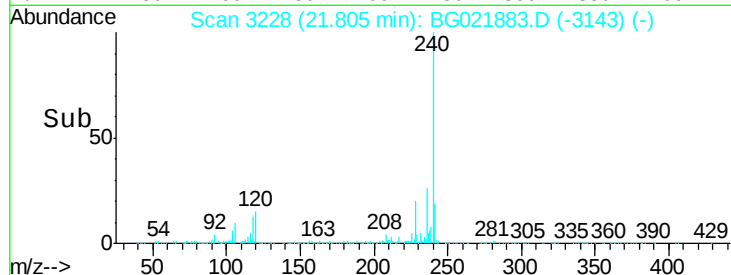
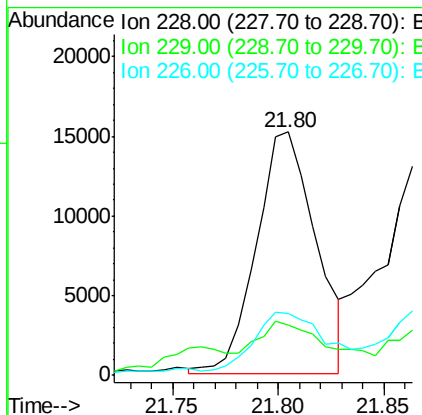
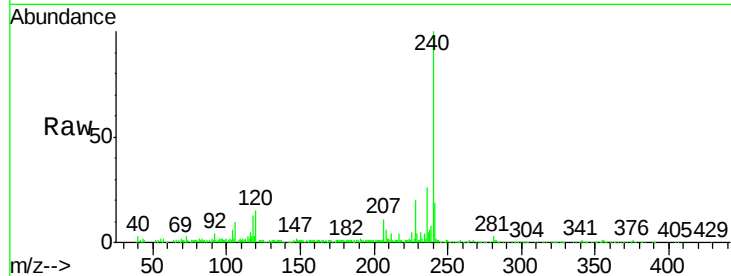
ClientSampleId :

D9WL0

Tgt Ion:	228	Resp:	29720
Ion Ratio	Lower	Upper	
228	100		
229	20.9	16.6	25.0
226	25.5	21.0	31.4

Manual Integrations
APPROVED

sohil
5/13/2016 8:13:35 PM



#82

Bis(2-ethylhexyl)phthalate

Concen: 3.12 ng/ul

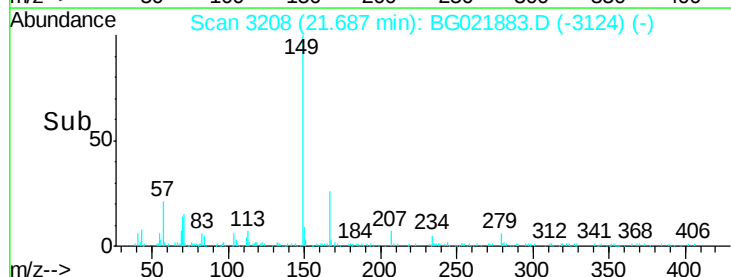
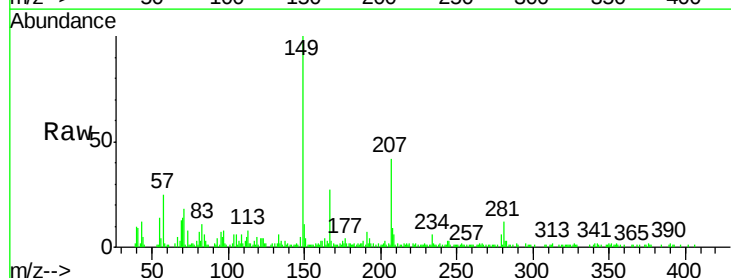
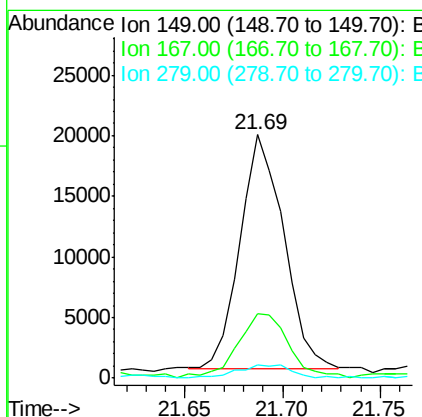
RT: 21.69 min Scan# 3208

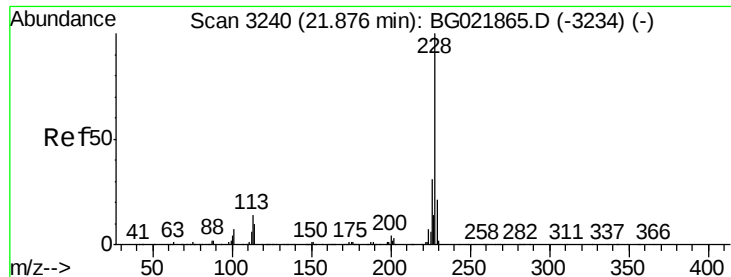
Delta R.T. -0.01 min

Lab File: BG021883.D

Acq: 13 May 2016 00:37

Tgt Ion:	149	Resp:	30182
Ion Ratio	Lower	Upper	
149	100		
167	26.5	20.5	30.7
279	5.6	3.7	5.5#





#83

Chrysene

Concen: 1.41 ng/ul m

RT: 21.87 min Scan# 3239

Delta R.T. -0.01 min

Lab File: BG021883.D

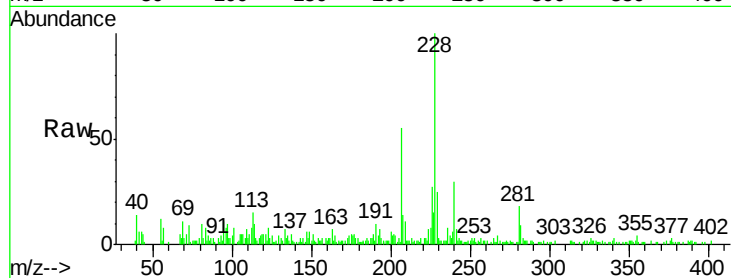
Acq: 13 May 2016 00:37

Instrument :

BNA_G

ClientSampleId :

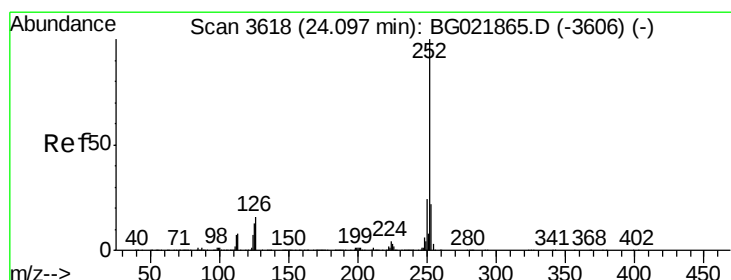
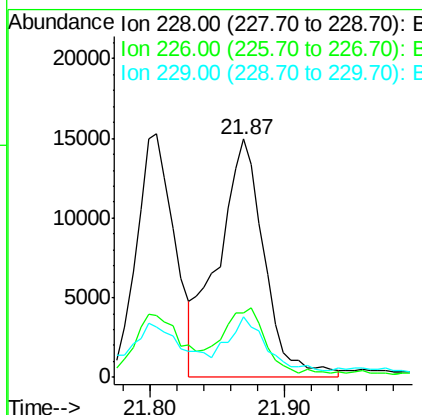
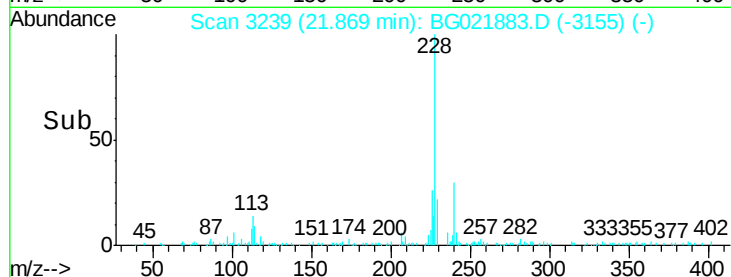
D9WLO



Tgt Ion:	228	Resp:	36037
Ion Ratio	Lower	Upper	
228	100		
226	27.2	23.4	35.2
229	25.5	16.2	24.2#

Manual Integrations
APPROVED

sohil
5/13/2016 8:13:35 PM



#86

Benzo(b)fluoranthene

Concen: 1.70 ng/ul

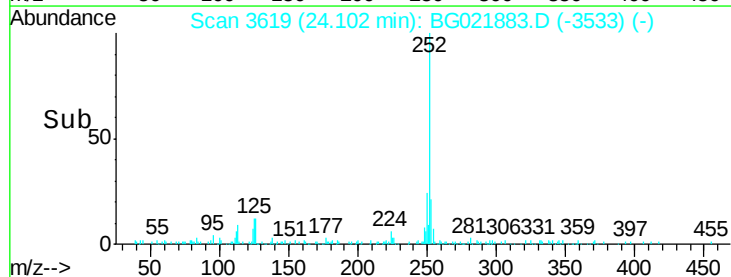
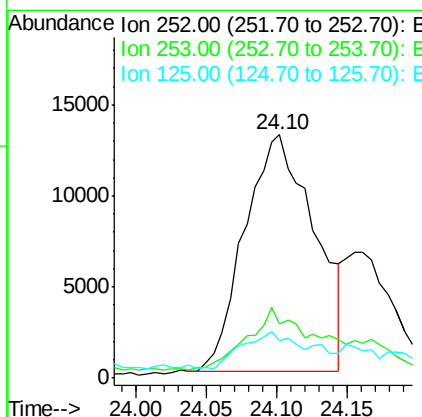
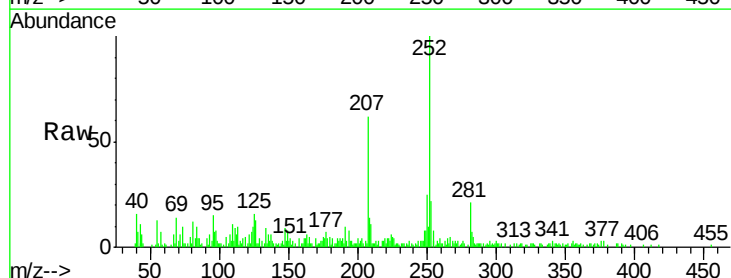
RT: 24.10 min Scan# 3619

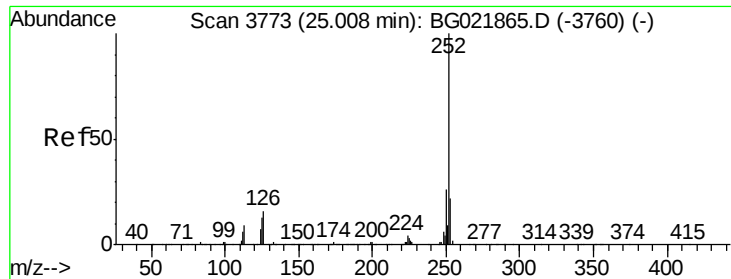
Delta R.T. 0.01 min

Lab File: BG021883.D

Acq: 13 May 2016 00:37

Tgt Ion:	252	Resp:	44857
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.1	27.1
125	15.6	7.6	11.4#





#89
Benzo(a)pyrene
Concen: 1.17 ng/ul
RT: 25.00 min Scan# 3772
Delta R.T. -0.01 min
Lab File: BG021883.D
Acq: 13 May 2016 00:37

Instrument :
BNA_G
ClientSampleId :
D9WL0

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		30806		
253	28.6	17.4	26.0#		
125	19.6	8.2	12.2#		

Manual Integrations
APPROVED

sohil
5/13/2016 8:13:35 PM

