

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
 Data File : BG017388.D
 Acq On : 2 Jun 2015 3:06
 Operator : TP/IZ
 Sample : G2430-11
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCRE2

Manual Integrations
 APPROVED

apatel
 6/2/2015 1:23:43 PM

Quant Time: Jun 02 05:03:48 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 02 03:15:26 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	30413	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	139058	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	88928	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	179452	20.00	ng/ul	0.00
75) Chrysene-d12	21.25	240	173206	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	172465	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	2513	3.92	ng/uL	0.00
5) Phenol-d5	6.85	99	58152	22.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	35418	23.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	50126	24.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	46752	21.28	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	24756	22.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	30039	23.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	49373	21.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	14793	5.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	139610	22.02	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	185483	22.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	18282	15.12	ng/ul	0.00
57) Fluorene-d10	15.30	176	134040	21.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	21486	17.11	ng/ul	0.00
70) Anthracene-d10	17.15	188	183428	21.82	ng/ul	0.00
76) Pyrene-d10	19.46	212	195667	23.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	166912	21.68	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.76	163	104584	14.86	ng/ul	96
69) Phenanthrene	17.10	178	35277	3.70	ng/ul	97
74) Fluoranthene	19.12	202	104536	9.08	ng/ul	98
77) Pyrene	19.48	202	108413	10.00	ng/ul	99
80) Benzo(a)anthracene	21.23	228	56138	5.45	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.17	149	38600	5.51	ng/ul	98
82) Chrysene	21.28	228	61699	6.47	ng/ul	97
85) Benzo(b)fluoranthene	22.81	252	76092	7.32	ng/ul#	87
86) Benzo(k)fluoranthene	22.85	252	28840m	2.96	ng/ul	
88) Benzo(a)pyrene	23.39	252	52823	5.38	ng/ul	94
89) Indeno(1,2,3-cd)pyrene	25.76	276	35883	3.24	ng/ul#	91
91) Benzo(g,h,i)perylene	26.47	276	36691	3.97	ng/ul	94

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

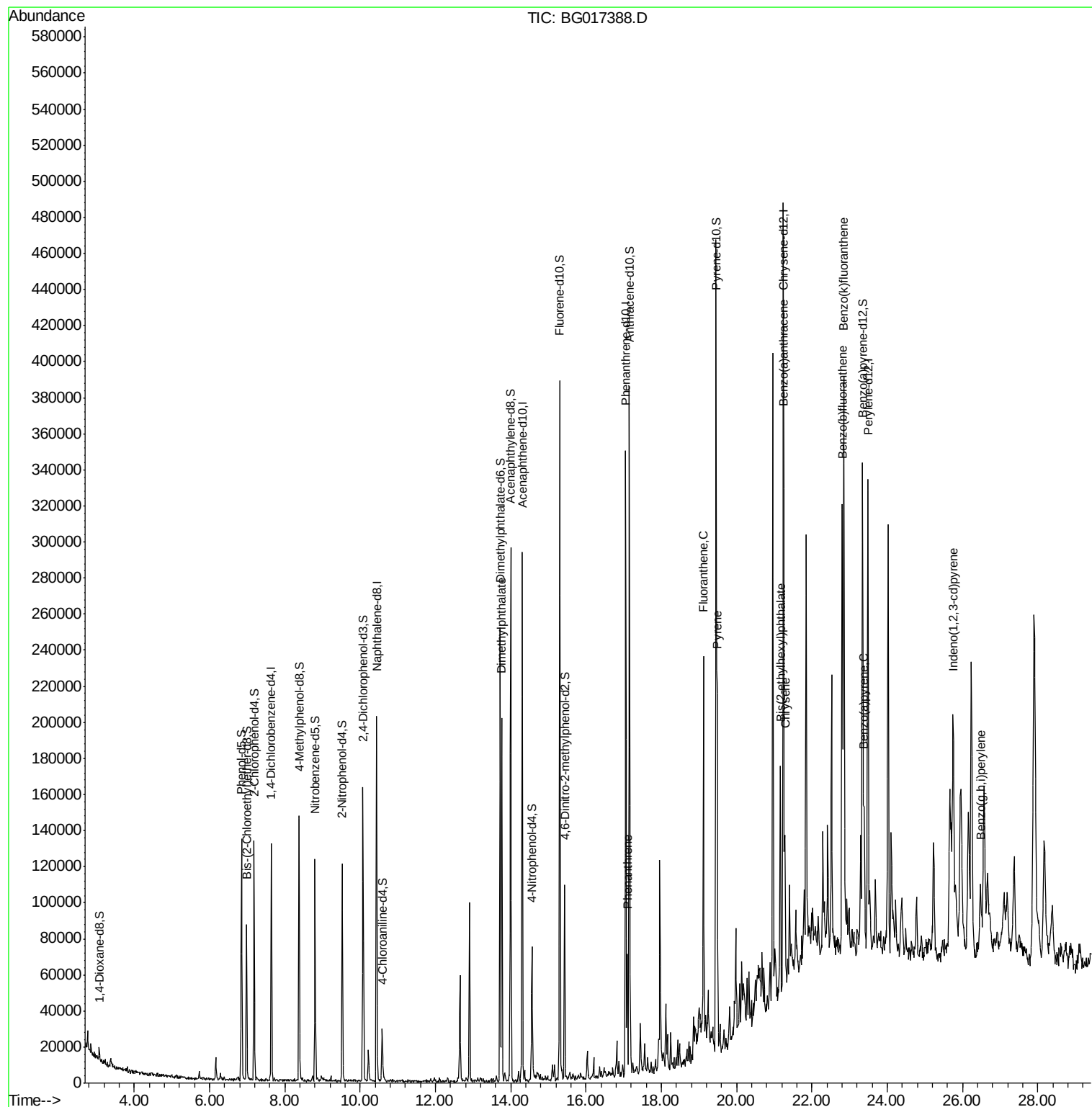
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060115\
Data File : BG017388.D
Acq On : 2 Jun 2015 3:06
Operator : TP/IZ
Sample : G2430-11
Misc :
ALS Vial : 23 Sample Multiplier: 1

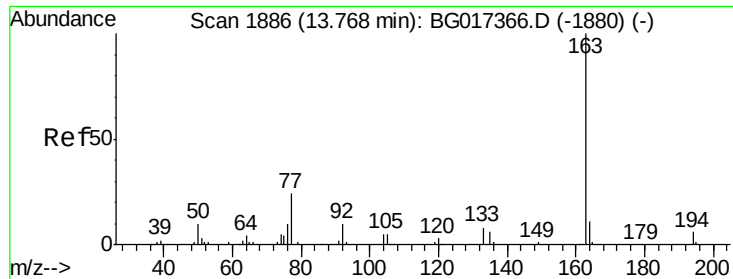
Instrument :
BNA_G
ClientSampleId :
BCRE2

Manual Integrations
APPROVED

apatel
6/2/2015 1:23:43 PM

Quant Time: Jun 02 05:03:48 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG052915.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 02 03:15:26 2015
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 14.86 ng/ul

RT: 13.76 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BG017388.D

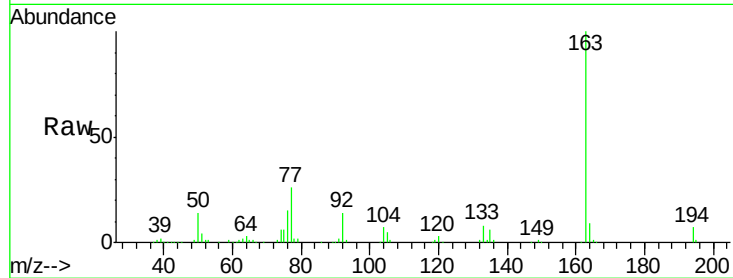
Acq: 2 Jun 2015 3:06

Instrument :

BNA_G

ClientSampleId :

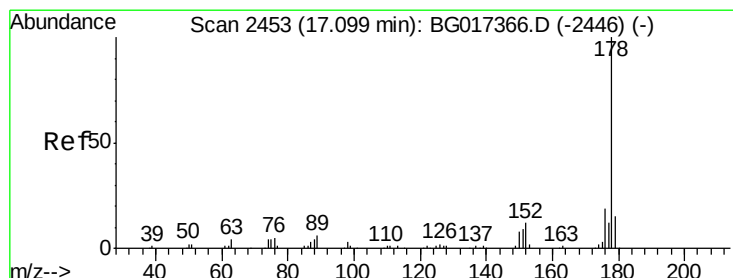
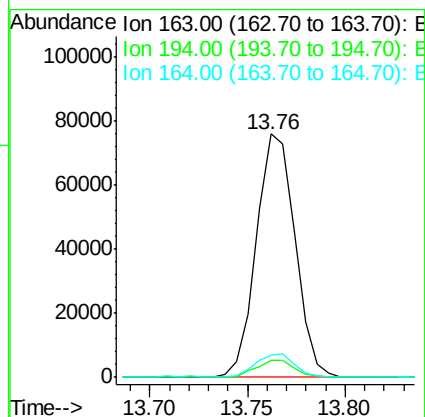
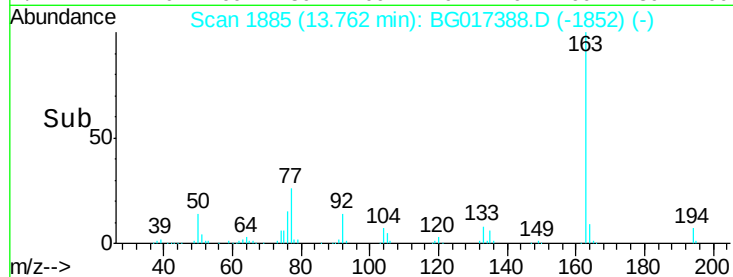
BCRE2



Tgt Ion	Ratio	Resp	Lower	Upper
163	100	104584		
194	6.9	5.2	7.8	
164	9.3	9.2	13.8	

Manual Integrations
APPROVED

apatel
6/2/2015 1:23:43 PM



#69

Phenanthrene

Concen: 3.70 ng/ul

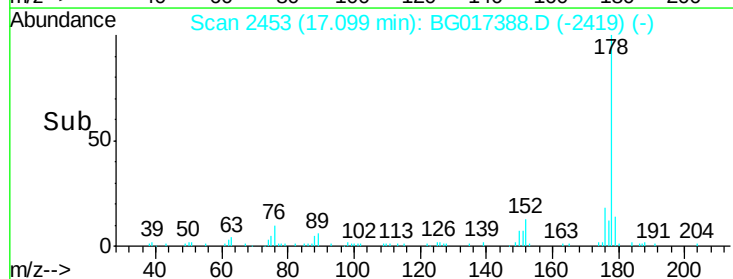
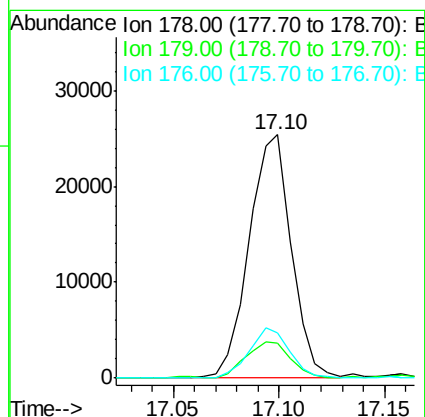
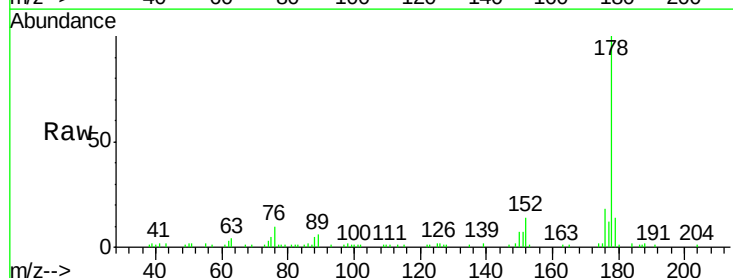
RT: 17.10 min Scan# 2453

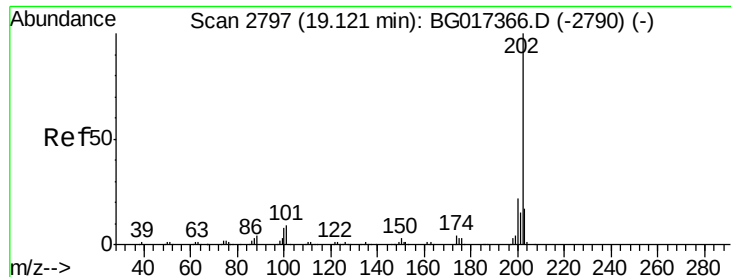
Delta R.T. -0.00 min

Lab File: BG017388.D

Acq: 2 Jun 2015 3:06

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	35277		
179	14.2	12.4	18.6	
176	18.4	15.5	23.3	





#74

Fluoranthene

Concen: 9.08 ng/ul

RT: 19.12 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BG017388.D

Acq: 2 Jun 2015 3:06

Instrument :

BNA_G

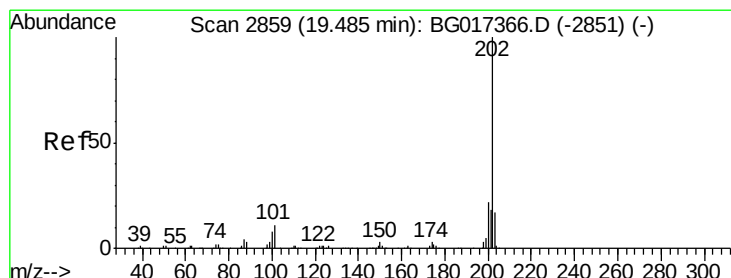
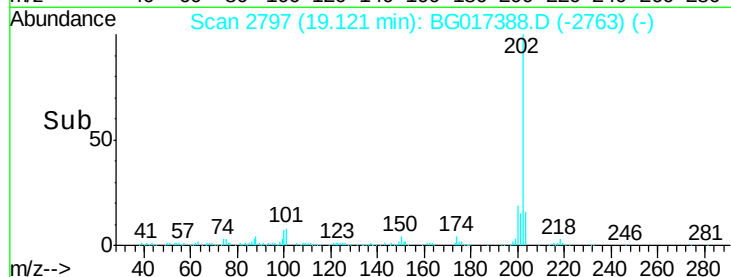
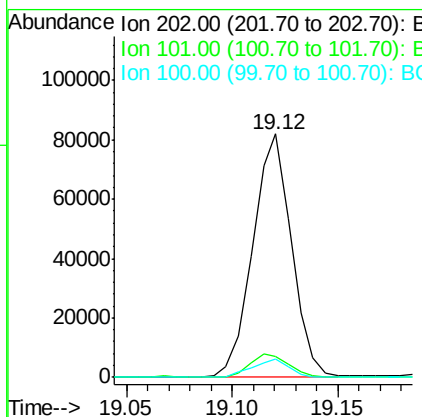
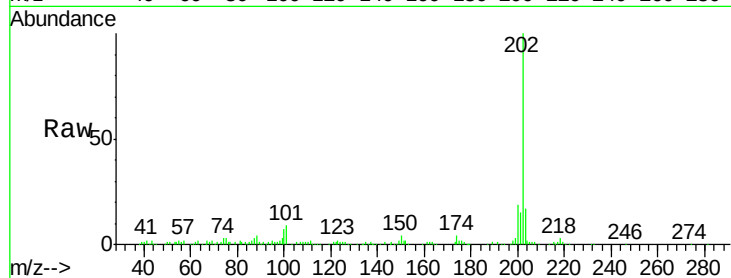
ClientSampleId :

BCRE2

Tgt Ion:	202	Resp:	104536
Ion Ratio	Lower	Upper	
202	100		
101	8.7	7.8	11.8
100	7.3	5.8	8.8

Manual Integrations
APPROVED

apatel
6/2/2015 1:23:43 PM



#77

Pyrene

Concen: 10.00 ng/ul

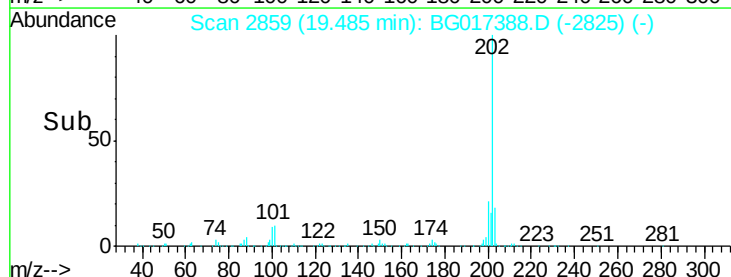
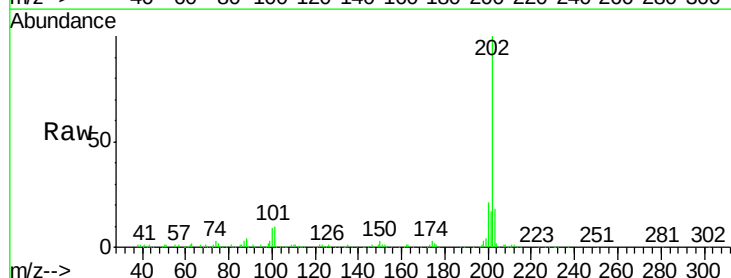
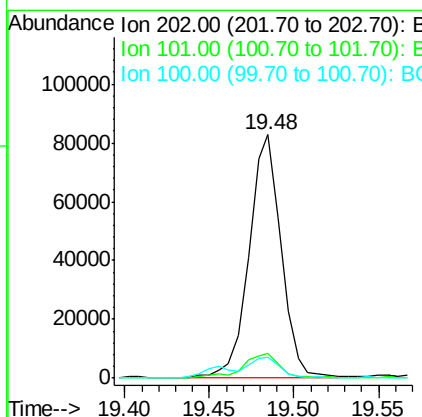
RT: 19.48 min Scan# 2859

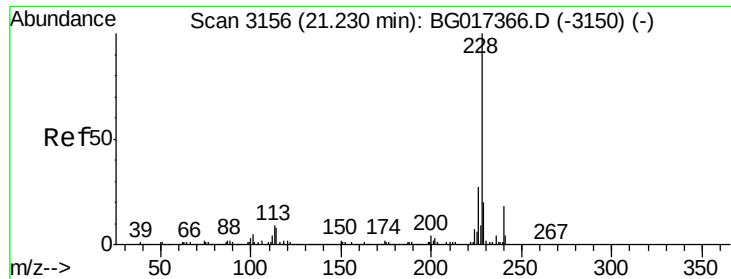
Delta R.T. -0.00 min

Lab File: BG017388.D

Acq: 2 Jun 2015 3:06

Tgt Ion:	202	Resp:	108413
Ion Ratio	Lower	Upper	
202	100		
101	10.3	8.6	12.8
100	8.6	7.4	11.2





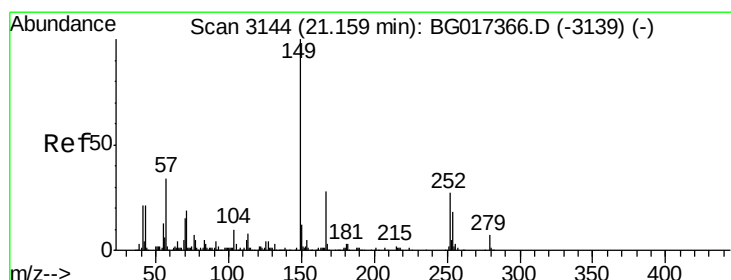
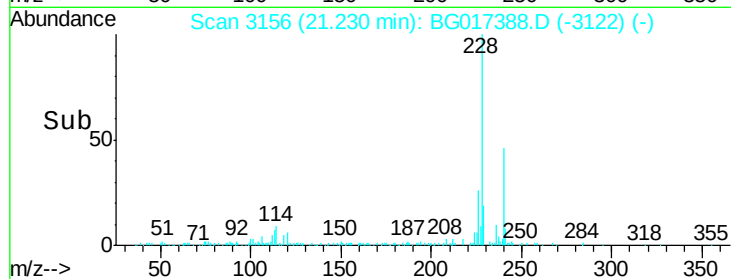
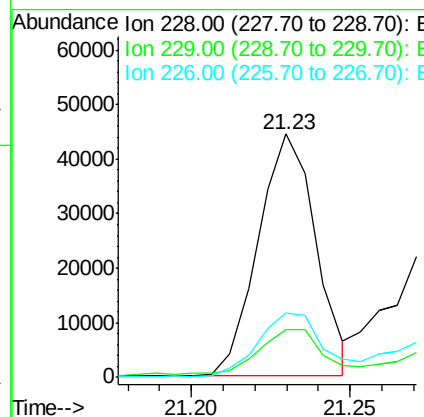
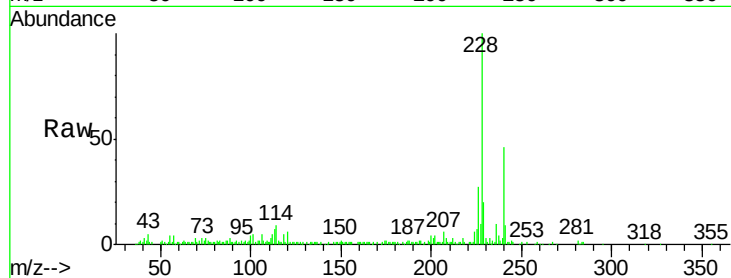
#80
Benzo(a)anthracene
Concen: 5.45 ng/ul
RT: 21.23 min Scan# 3156
Delta R.T. -0.00 min
Lab File: BG017388.D
Acq: 2 Jun 2015 3:06

Instrument :
BNA_G
ClientSampleId :
BCRE2

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.2	24.4
226	26.5	22.2	33.2

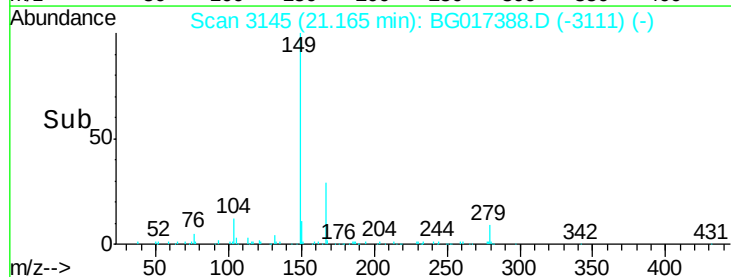
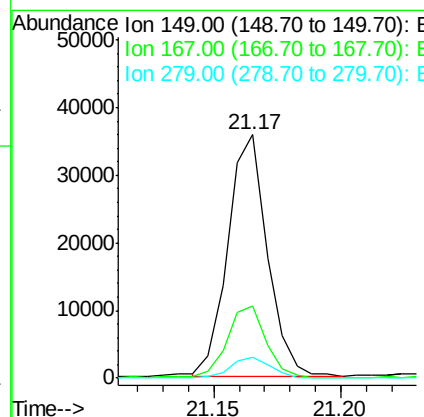
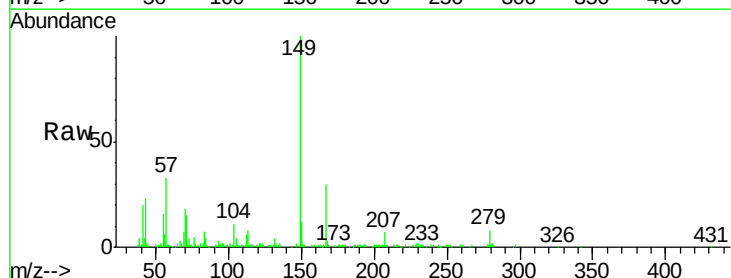
Manual Integrations
APPROVED

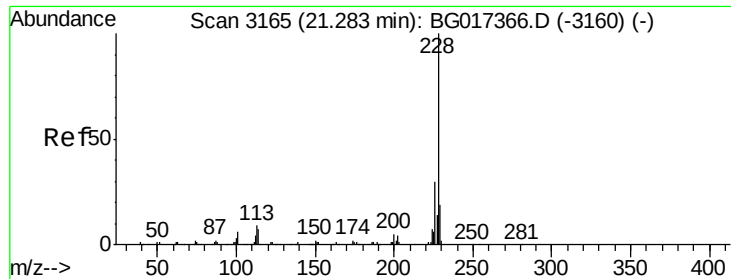
apatel
6/2/2015 1:23:43 PM



#81
Bis(2-ethylhexyl)phthalate
Concen: 5.51 ng/ul
RT: 21.17 min Scan# 3145
Delta R.T. -0.00 min
Lab File: BG017388.D
Acq: 2 Jun 2015 3:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.8	25.1	37.7
279	8.4	7.0	10.4





#82

Chrysene

Concen: 6.47 ng/ul

RT: 21.28 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG017388.D

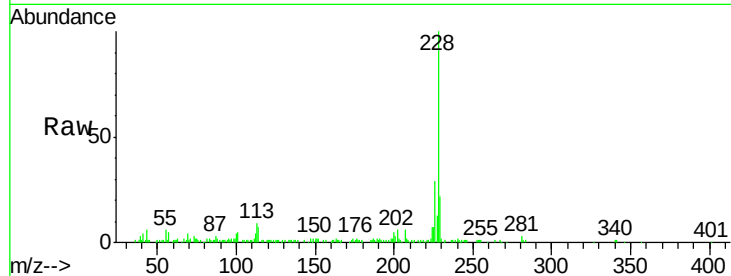
Acq: 2 Jun 2015 3:06

Instrument :

BNA_G

ClientSampleId :

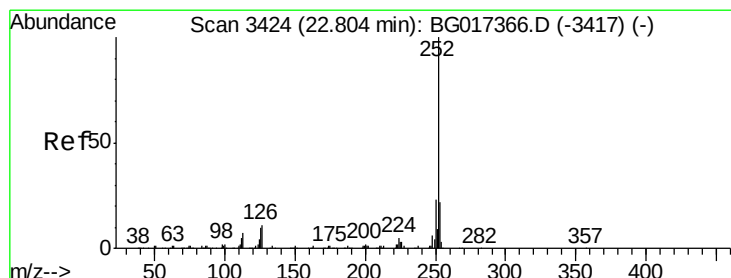
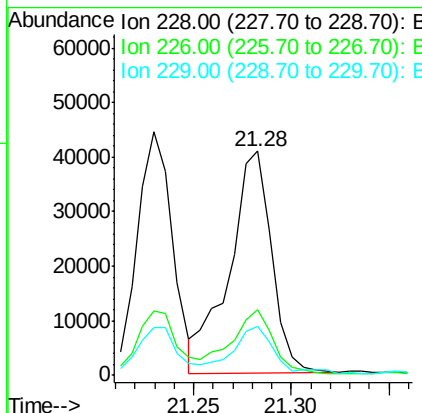
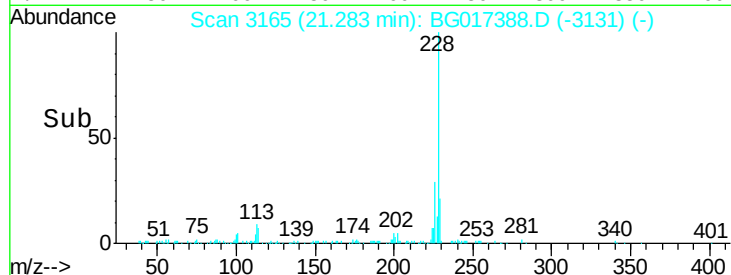
BCRE2



Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.0	34.4
229	22.1	15.7	23.5

Manual Integrations
APPROVED

apatel
6/2/2015 1:23:43 PM



#85

Benzo(b)fluoranthene

Concen: 7.32 ng/ul

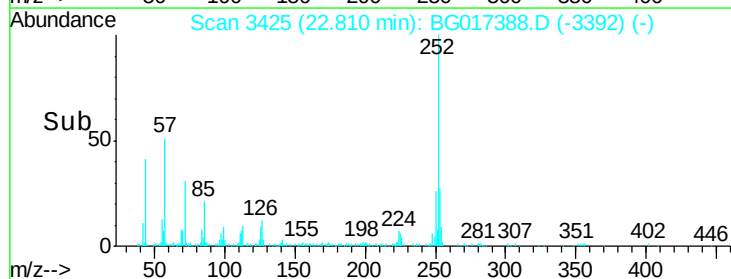
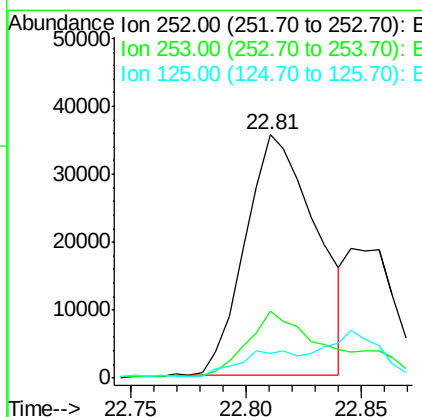
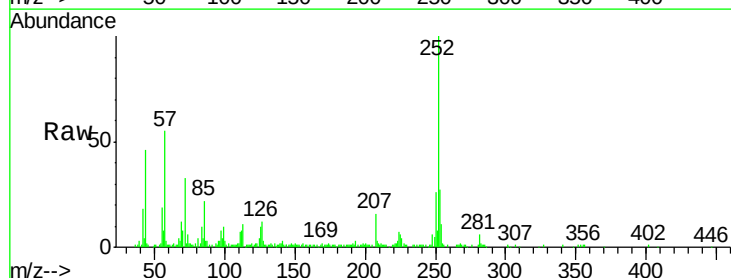
RT: 22.81 min Scan# 3425

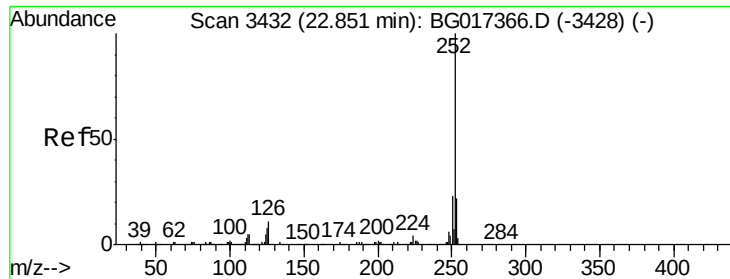
Delta R.T. -0.01 min

Lab File: BG017388.D

Acq: 2 Jun 2015 3:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.4	16.6	25.0#
125	10.2	5.4	8.0#





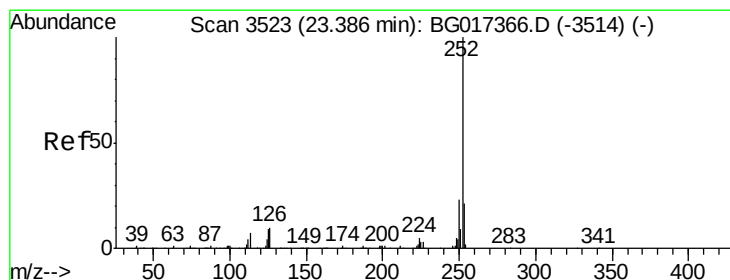
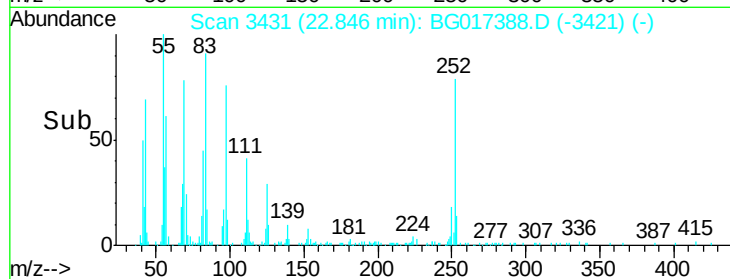
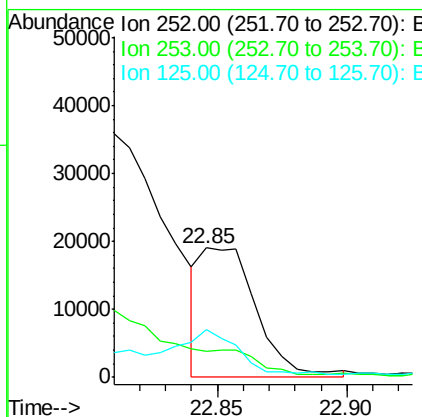
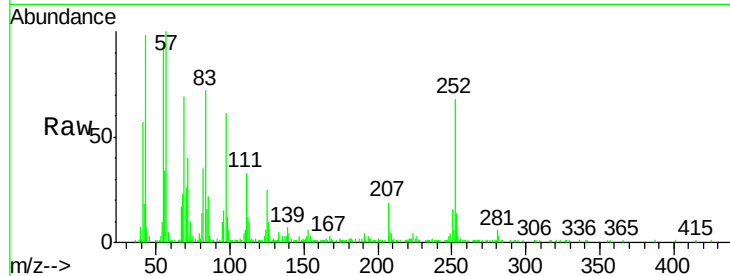
#86
Benzo(k)fluoranthene
Concen: 2.96 ng/ul m
RT: 22.85 min Scan# 3431
Delta R.T. -0.01 min
Lab File: BG017388.D
Acq: 2 Jun 2015 3:06

Instrument :
BNA_G
ClientSampled :
BCRE2

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	28840		
253	20.1	17.1	25.7	
125	37.0	5.8	8.6	

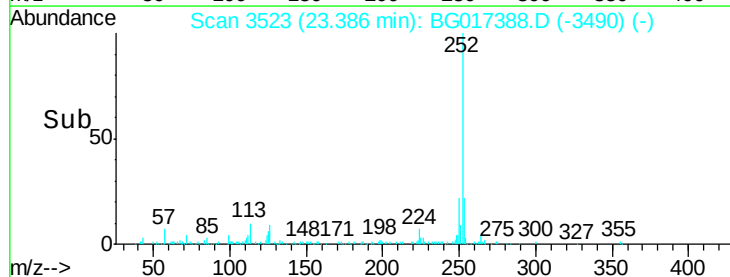
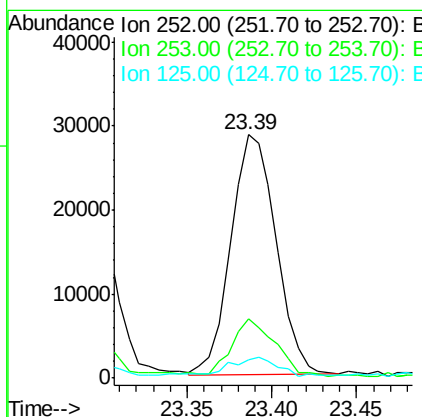
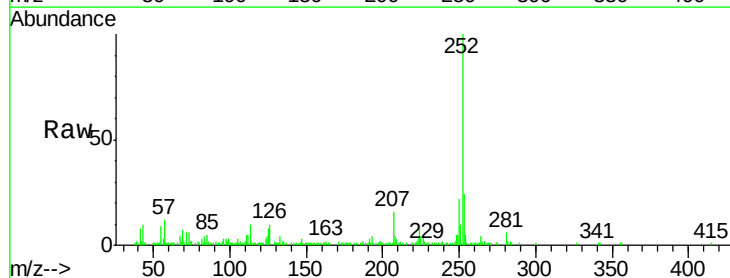
Manual Integrations
APPROVED

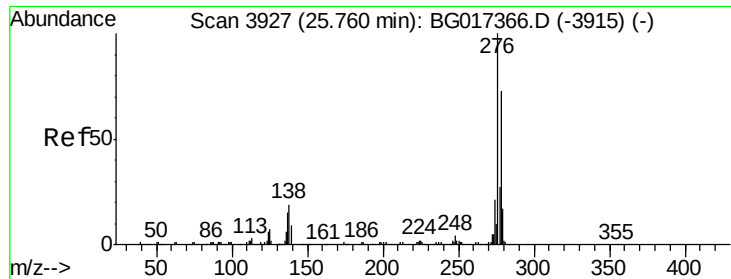
apatel
6/2/2015 1:23:43 PM



#88
Benzo(a)pyrene
Concen: 5.38 ng/ul
RT: 23.39 min Scan# 3523
Delta R.T. -0.01 min
Lab File: BG017388.D
Acq: 2 Jun 2015 3:06

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	52823		
253	24.2	16.9	25.3	
125	7.6	7.0	10.4	





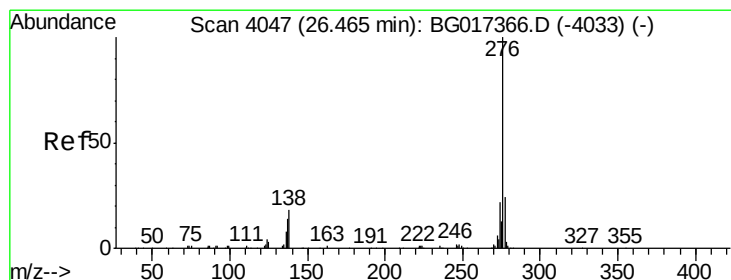
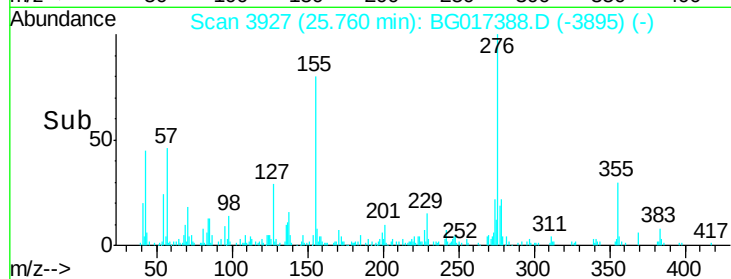
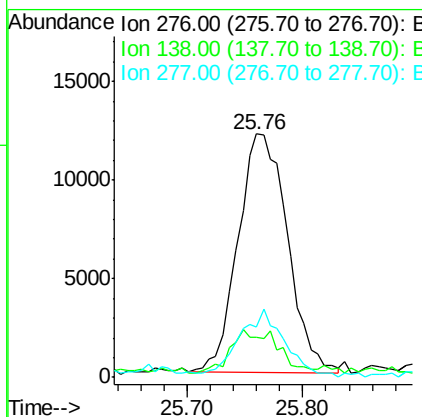
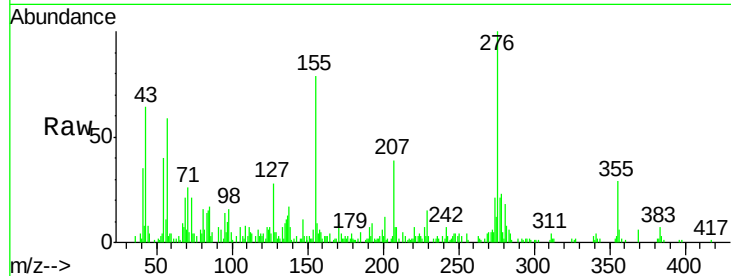
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 3.24 ng/ul
 RT: 25.76 min Scan# 3927
 Delta R.T. -0.01 min
 Lab File: BG017388.D
 Acq: 2 Jun 2015 3:06

Instrument :
 BNA_G
 ClientSampleId :
 BCRE2

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	16.6	15.3	22.9
277	20.5	20.8	31.2#

Manual Integrations
 APPROVED

apatel
 6/2/2015 1:23:43 PM



#91
 Benzo(g,h,i)perylene
 Concen: 3.97 ng/ul
 RT: 26.47 min Scan# 4048
 Delta R.T. -0.01 min
 Lab File: BG017388.D
 Acq: 2 Jun 2015 3:06

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	15.3	15.1	22.7
277	22.0	19.1	28.7

