

Data Path : U:\HPCHEM1\BNA G\DATA\BG070216\
 Data File : BG022794.D
 Acq On : 2 Jul 2016 15:08
 Operator : UM/SJ
 Sample : H3752-18
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHN1

Manual Integrations

umangi
 7/5/2016 7:42:30 PM

Quant Time: Jul 03 01:09:57 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 03 00:31:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	153136	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	670450	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	518383	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	1232882	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1375603	20.00	ng/ul	0.01
83) Perylene-d12	25.24	264	1469983	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	4693	1.71	ng/uL	0.01
5) Phenol-d5	7.31	99	257645	15.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	170110	18.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	175224	16.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	213753	17.08	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	98388	18.40	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	119852	18.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	232521	17.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	261473	22.90	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	835295	19.83	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	936292	19.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	100806	15.25	ng/ul	0.00
57) Fluorene-d10	15.79	176	801203	20.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	120758	15.23	ng/ul	0.00
70) Anthracene-d10	17.66	188	1142780	19.94	ng/ul	0.00
76) Pyrene-d10	19.94	212	1402874	21.35	ng/ul	0.01
87) Benzo(a)pyrene-d12	25.01	264	1454489	20.83	ng/ul	0.02

Target Compounds

					Ovalue	
6) Phenol	7.34	94	17210	1.04	ng/ul#	87
44) Dimethylphthalate	14.24	163	105211	2.45	ng/ul	96
49) Acenaphthene	14.86	153	180415	5.46	ng/ul	88
53) Dibenzofuran	15.20	168	119938	2.35	ng/ul	90
58) Fluorene	15.85	166	139500	3.40	ng/ul	91
69) Phenanthrene	17.60	178	798606	12.66	ng/ul	99
71) Anthracene	17.69	178	314739	4.86	ng/ul	96
74) Fluoranthene	19.61	202	1492876	22.72	ng/ul#	87
77) Pvrene	19.97	202	1158302	15.04	ng/ul#	82
80) Benzo(a)anthracene	21.84	228	701469	8.69	ng/ul	99
82) Chrysene	21.90	228	561787	7.65	ng/ul	97
85) Benzo(b)fluoranthene	24.16	252	775990	8.45	ng/ul#	91
86) Benzo(k)fluoranthene	24.22	252	270594	3.14	ng/ul#	88
88) Benzo(a)pyrene	25.08	252	578582	6.63	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	29.09	276	320224m	3.47	ng/ul	
90) Dibenzo(a,h)anthracene	29.14	278	81151m	1.06	ng/ul	
91) Benzo(g,h,i)perylene	30.29	276	279943	3.87	ng/ul#	77

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

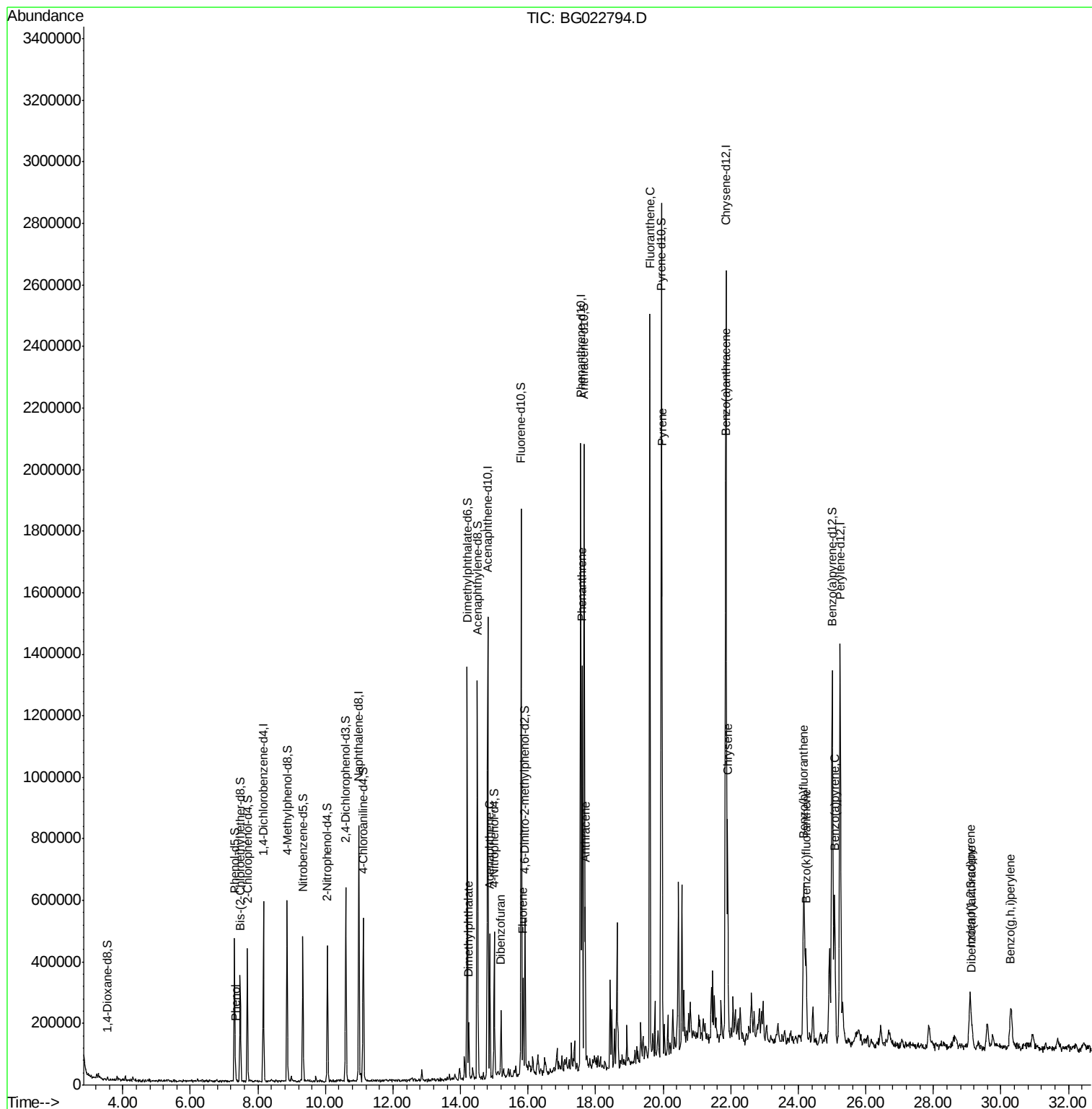
Data Path : U:\HPCHEM1\BNA G\DATA\BG070216\
Data File : BG022794.D
Acq On : 2 Jul 2016 15:08
Operator : UM/SJ
Sample : H3752-18
Misc :
ALS Vial : 35 Sample Multiplier: 1

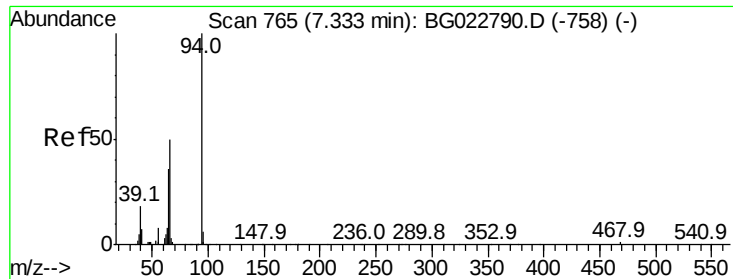
Instrument :
BNA_G
ClientSampleId :
BDHN1

Manual Integrations

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7/5/2016 7:42:30 PM

Quant Time: Jul 03 01:09:57 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 03 00:31:55 2016
Response via : Initial Calibration





#6

Phenol

Concen: 1.04 ng/ul

RT: 7.34 min Scan# 767

Delta R.T. 0.01 min

Lab File: BG022794.D

Acq: 2 Jul 2016 15:08

Instrument :

BNA_G

ClientSampleId :

BDHN1

Tot Ion: 94 Resp: 17210

Ion Ratio Lower Upper

94 100

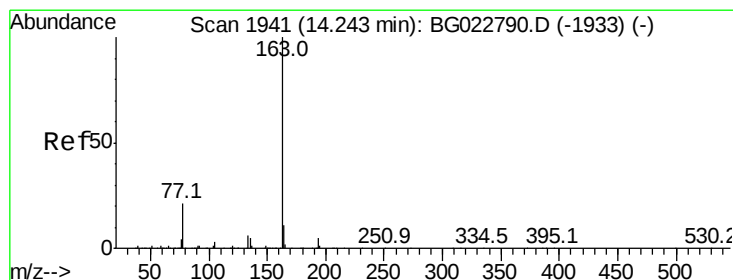
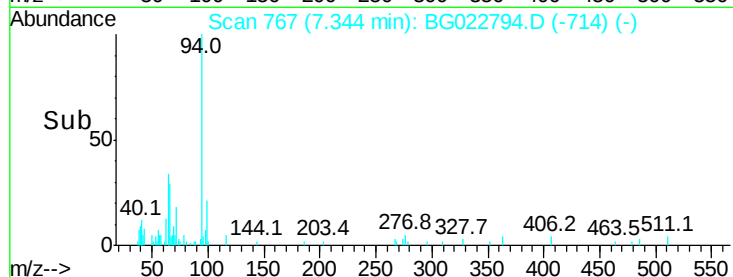
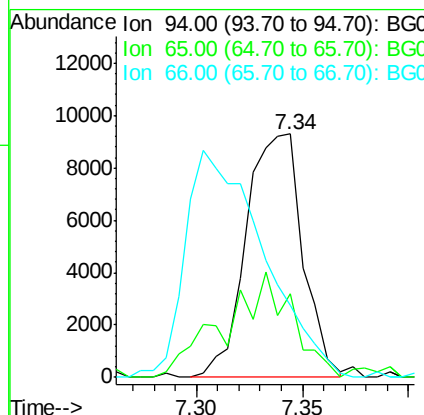
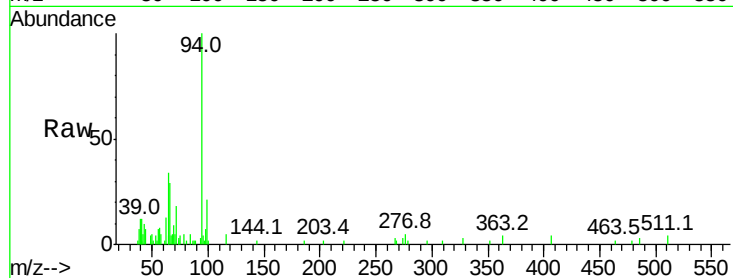
65 34.3 16.8 25.2#

66 29.4 22.6 33.8

Manual Integrations

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#44

Dimethylphthalate

Concen: 2.45 ng/ul

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG022794.D

Acq: 2 Jul 2016 15:08

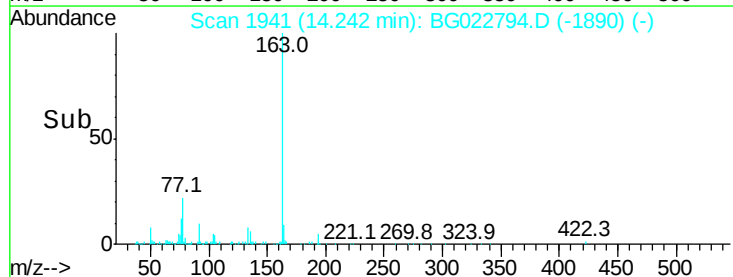
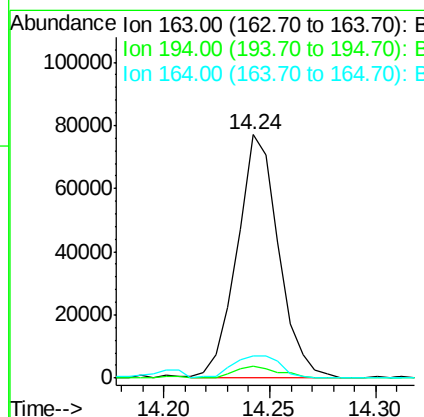
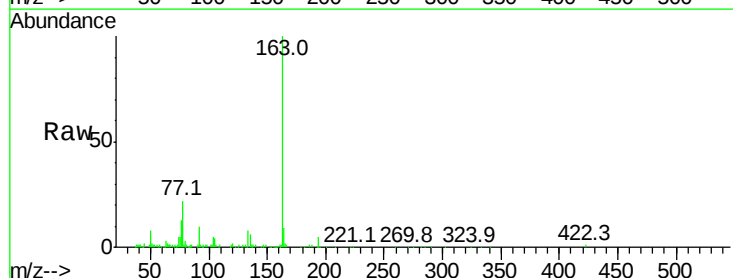
Tgt Ion: 163 Resp: 105211

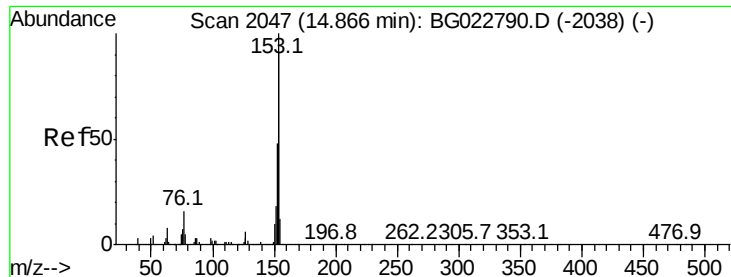
Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

164 9.3 8.8 13.2





#49

Acenaphthene

Concen: 5.46 ng/ul

RT: 14.86 min Scan# 2047

Delta R.T. -0.00 min

Lab File: BG022794.D

Acq: 2 Jul 2016 15:08

Instrument :

BNA_G

ClientSampleId :

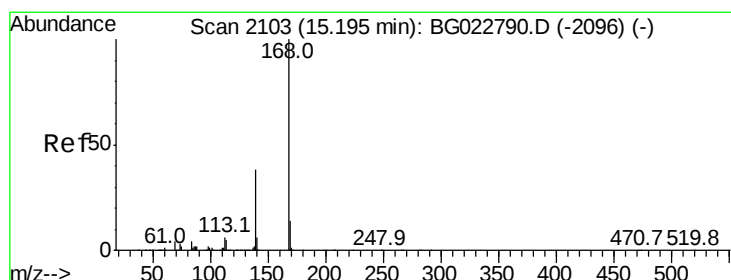
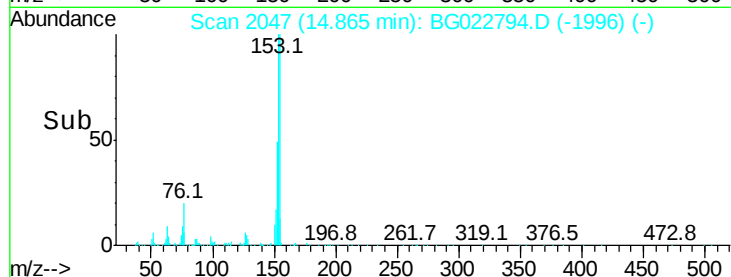
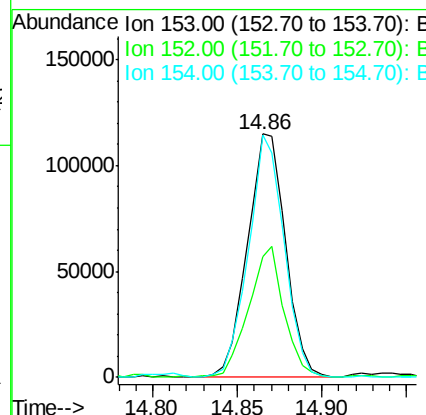
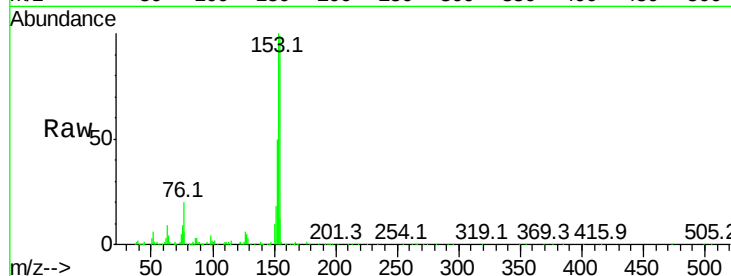
BDHN1

Tot Ion:	153	Resp:	180415
Ion Ratio	Lower	Upper	
153	100		
152	49.6	37.3	55.9
154	99.5	68.2	102.2

Manual Integrations

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#53

Dibenzofuran

Concen: 2.35 ng/ul

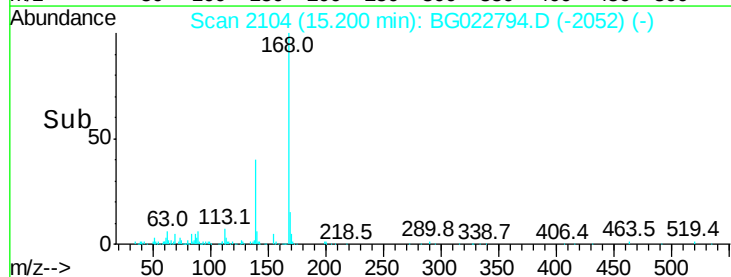
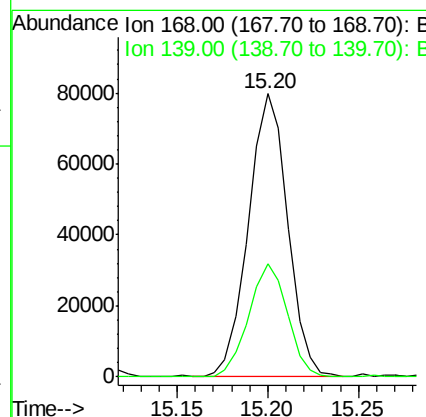
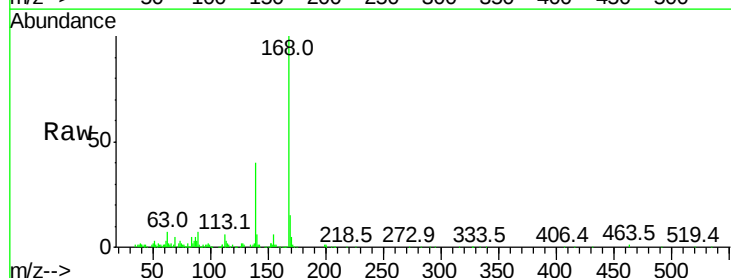
RT: 15.20 min Scan# 2104

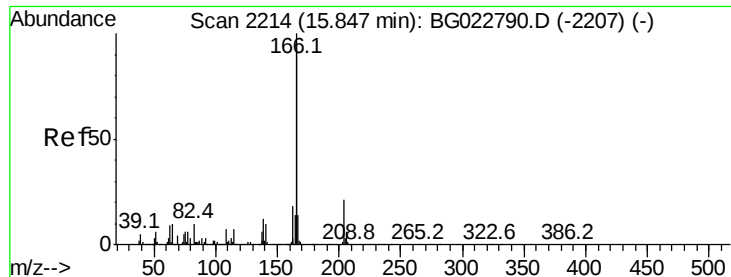
Delta R.T. 0.00 min

Lab File: BG022794.D

Acq: 2 Jul 2016 15:08

Tgt Ion:	168	Resp:	119938
Ion Ratio	Lower	Upper	
168	100		
139	39.9	27.4	41.0





#58

Fluorene

Concen: 3.40 ng/ul

RT: 15.85 min Scan# 2214

Delta R.T. -0.00 min

Lab File: BG022794.D

Acq: 2 Jul 2016 15:08

Instrument :

BNA_G

ClientSampleId :

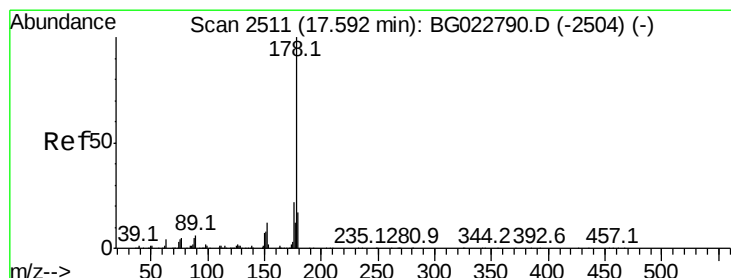
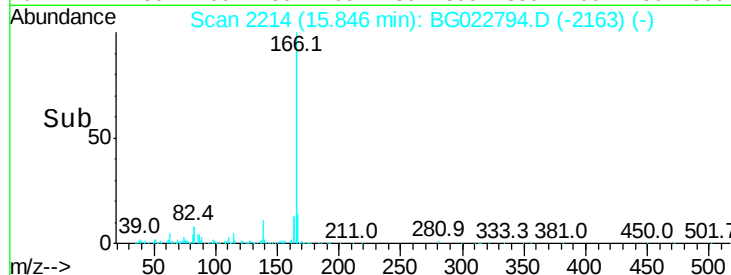
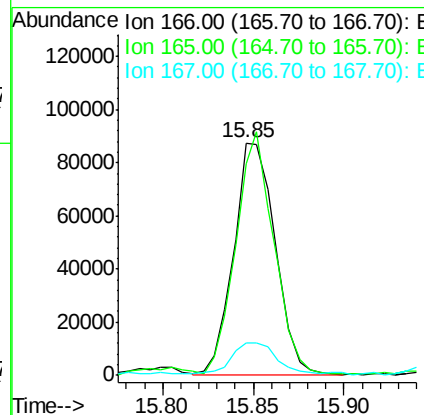
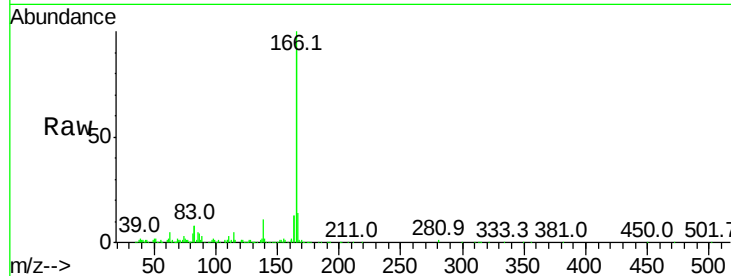
BDHN1

Tot Ion:	166	Resp:	139500
Ion Ratio	Lower	Upper	
166	100		
165	90.9	80.3	120.5
167	13.7	10.3	15.5

Manual Integrations

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#69

Phenanthrene

Concen: 12.66 ng/ul

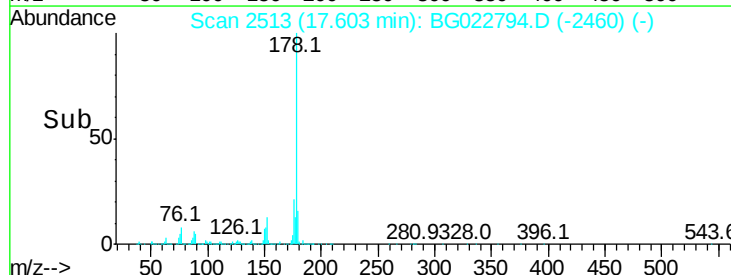
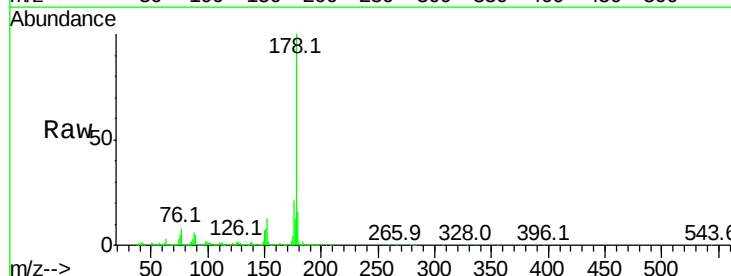
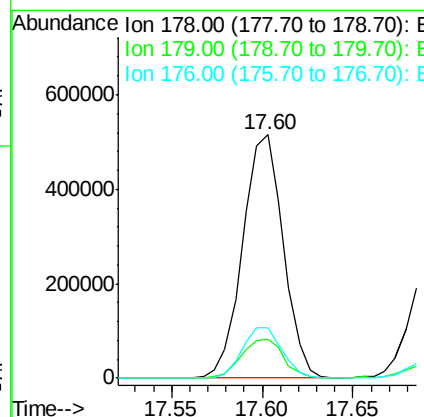
RT: 17.60 min Scan# 2513

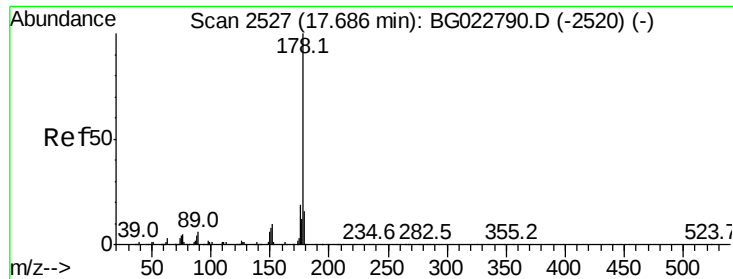
Delta R.T. 0.01 min

Lab File: BG022794.D

Acq: 2 Jul 2016 15:08

Tgt Ion:	178	Resp:	798606
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.9	19.3
176	20.8	15.8	23.8





#71

Anthracene

Concen: 4.86 ng/ul

RT: 17.69 min Scan# 2528

Delta R.T. 0.00 min

Lab File: BG022794.D

Acq: 2 Jul 2016 15:08

Instrument :

BNA_G

ClientSampled :

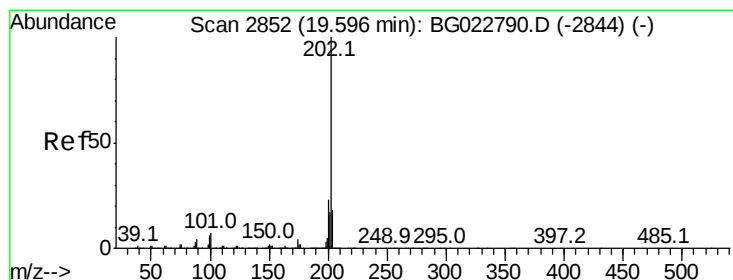
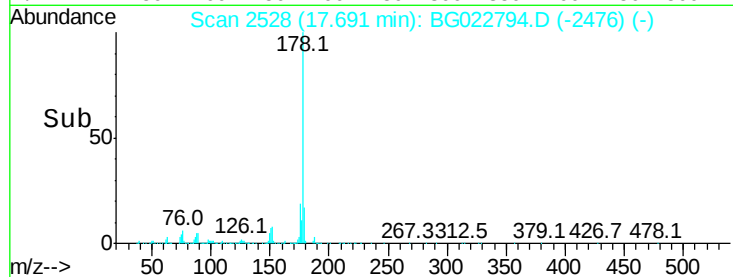
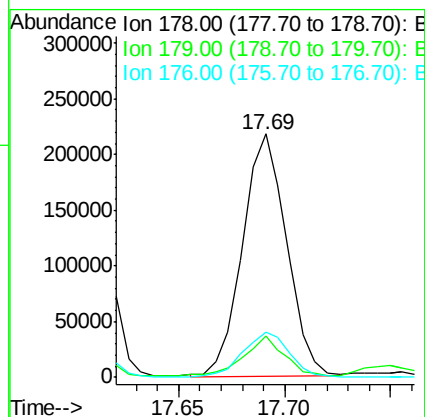
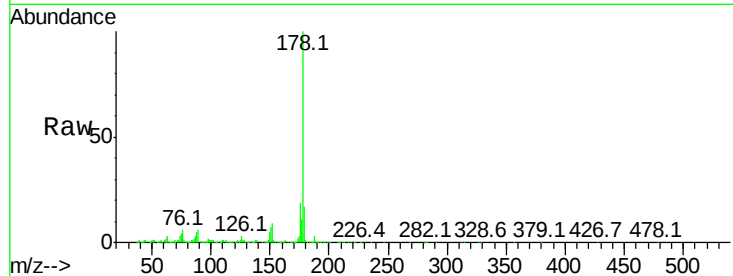
BDHN1

Tot Ion:178	Resp:	314739
Ion Ratio	Lower	Upper
178	100	
179	16.8	12.3 18.5
176	18.5	16.3 24.5

Manual Integrations

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#74

Fluoranthene

Concen: 22.72 ng/ul

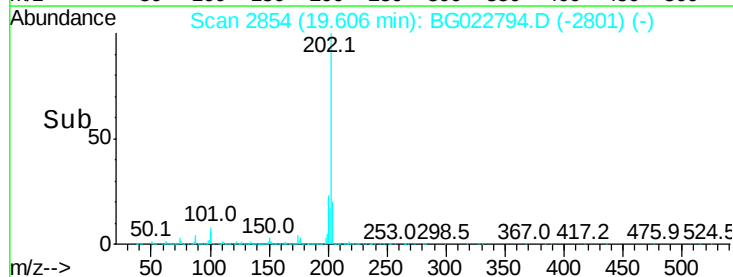
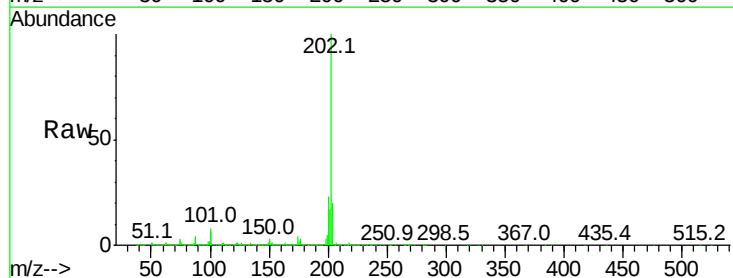
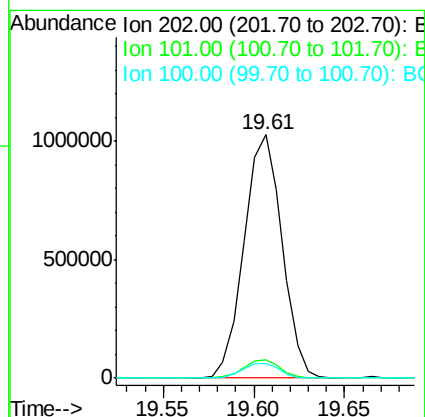
RT: 19.61 min Scan# 2854

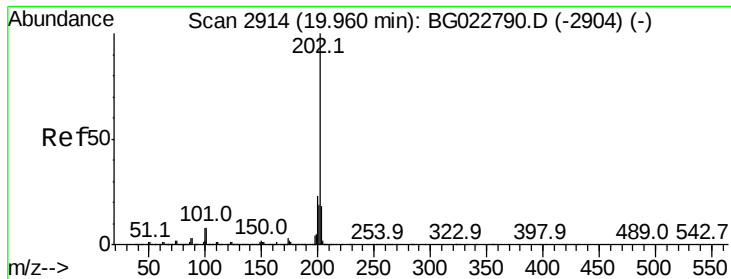
Delta R.T. 0.01 min

Lab File: BG022794.D

Acq: 2 Jul 2016 15:08

Tgt Ion:202	Resp:	1492876
Ion Ratio	Lower	Upper
202	100	
101	7.6	10.6 16.0#
100	6.2	8.7 13.1#





#77

Pvrene

Concen: 15.04 ng/ul

RT: 19.97 min Scan# 2916

Delta R.T. 0.01 min

Lab File: BG022794.D

Acq: 2 Jul 2016 15:08

Instrument :

BNA_G

ClientSampleId :

BDHN1

Tot Ion:202 Resp: 1158302

Ion Ratio Lower Upper

202 100

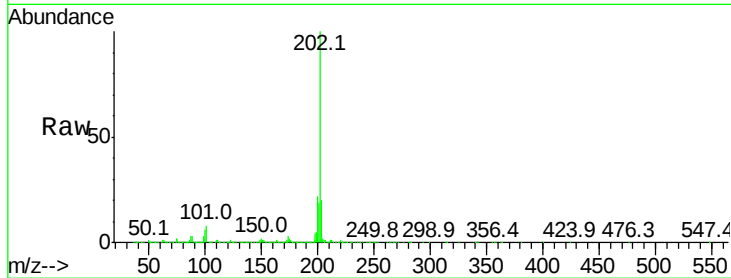
101 7.6 12.5 18.7#

100 6.0 10.2 15.4#

Manual Integrations

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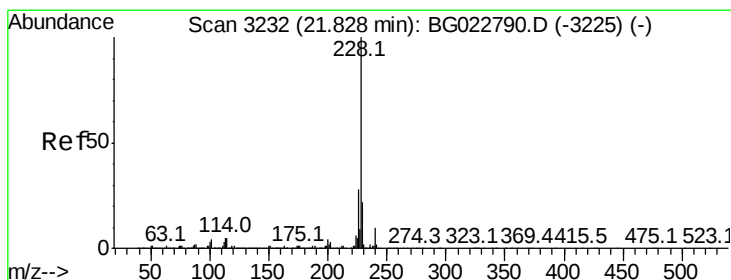
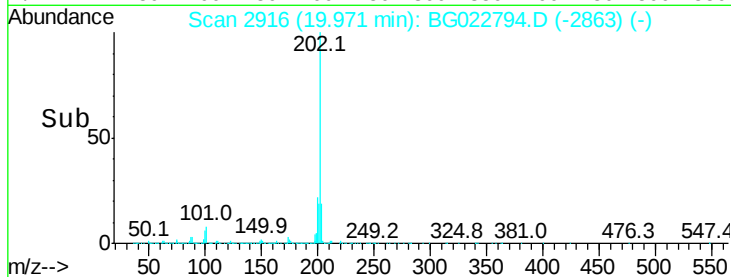
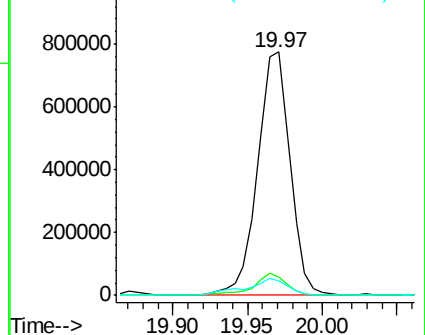
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#80

Benzo(a)anthracene

Concen: 8.69 ng/ul

RT: 21.84 min Scan# 3234

Delta R.T. 0.01 min

Lab File: BG022794.D

Acq: 2 Jul 2016 15:08

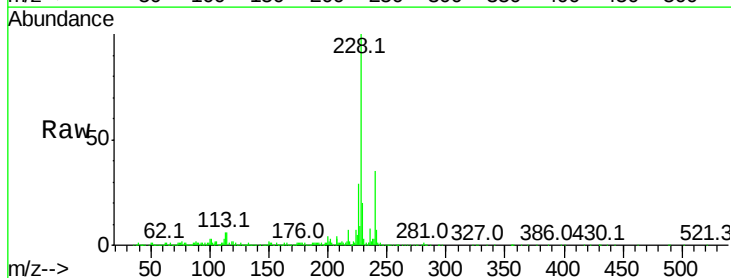
Tgt Ion:228 Resp: 701469

Ion Ratio Lower Upper

228 100

229 20.5 15.4 23.2

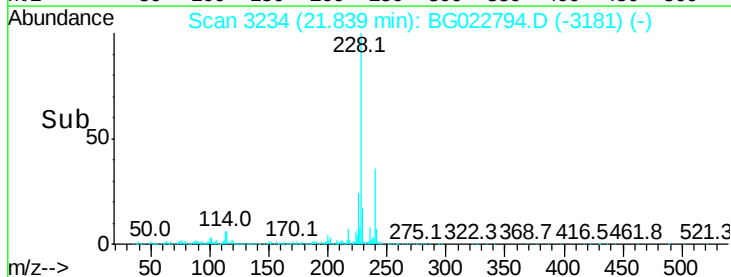
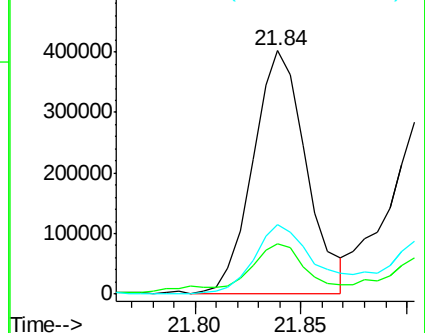
226 28.7 22.8 34.2

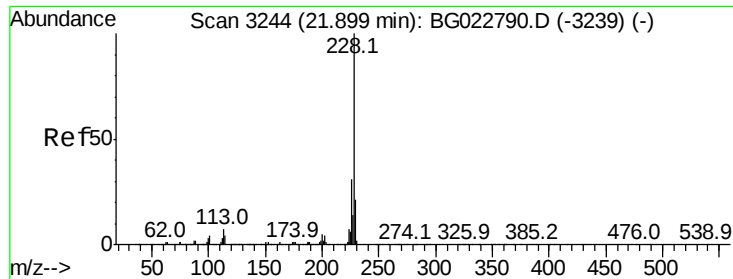


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





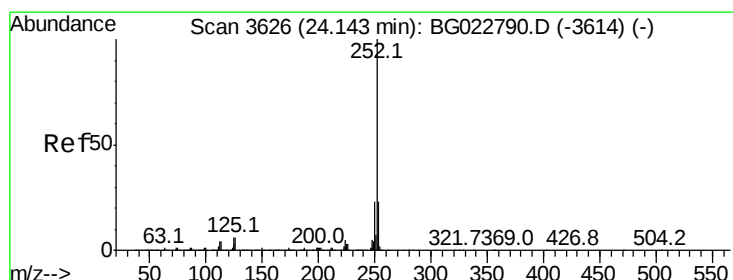
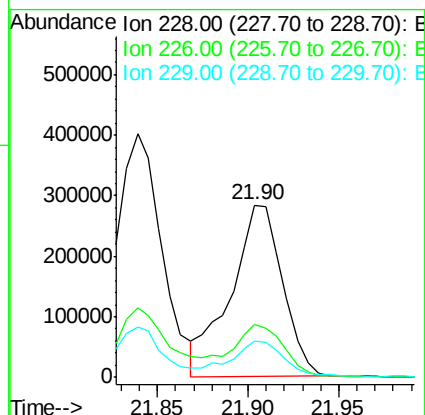
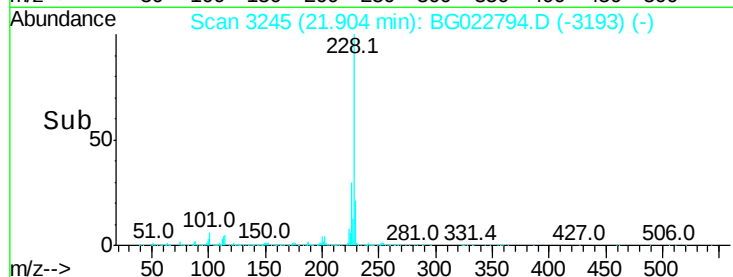
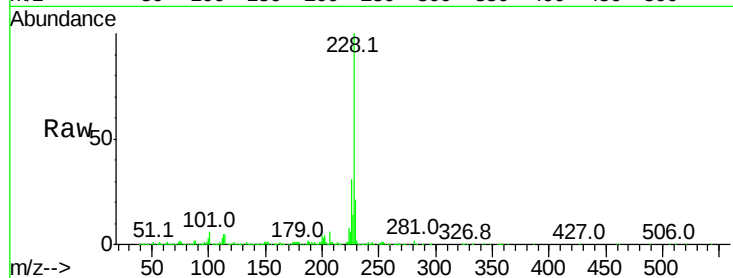
#82
Chrysene
Concen: 7.65 ng/ul
RT: 21.90 min Scan# 3245
Delta R.T. 0.00 min
Lab File: BG022794.D
Acq: 2 Jul 2016 15:08

Instrument :
BNA_G
ClientSampled :
BDHN1

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	21.3	15.0	22.6

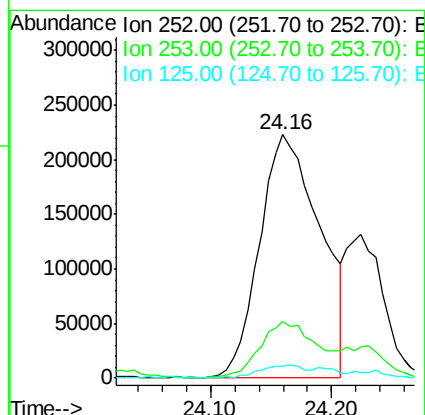
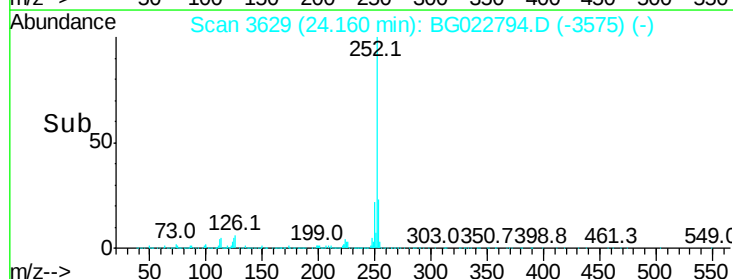
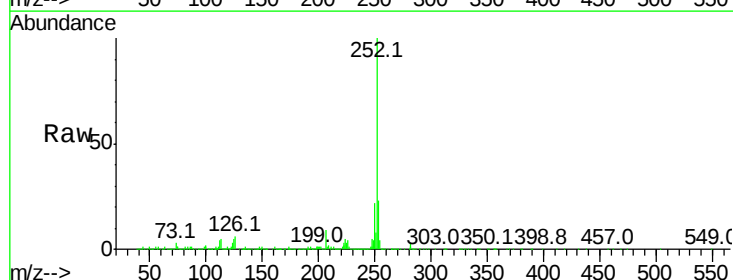
Manual Integrations

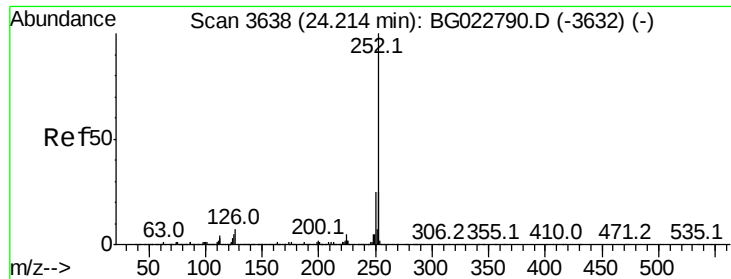
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#85
Benzo(b)fluoranthene
Concen: 8.45 ng/ul
RT: 24.16 min Scan# 3629
Delta R.T. 0.02 min
Lab File: BG022794.D
Acq: 2 Jul 2016 15:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	5.0	10.8	16.2





#86

Benzo(k)fluoranthene

Concen: 3.14 ng/ul

RT: 24.22 min Scan# 3640

Delta R.T. 0.01 min

Lab File: BG022794.D

Acq: 2 Jul 2016 15:08

Instrument :

BNA_G

ClientSampleId :

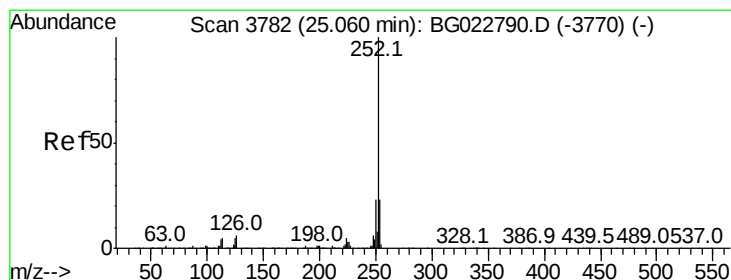
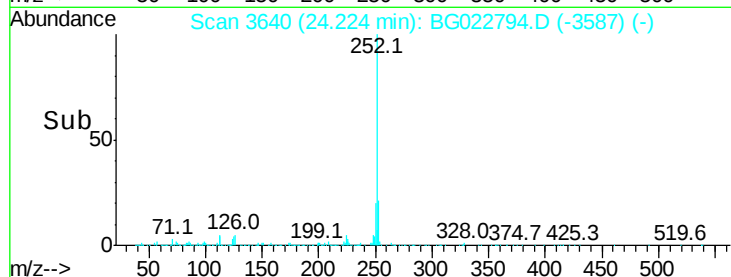
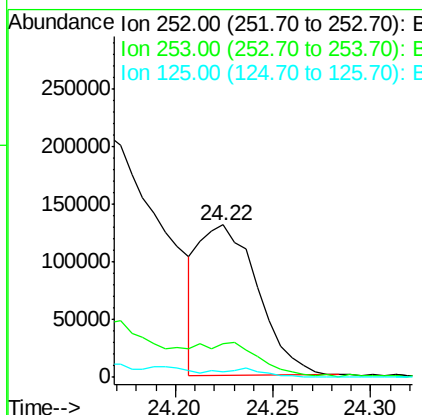
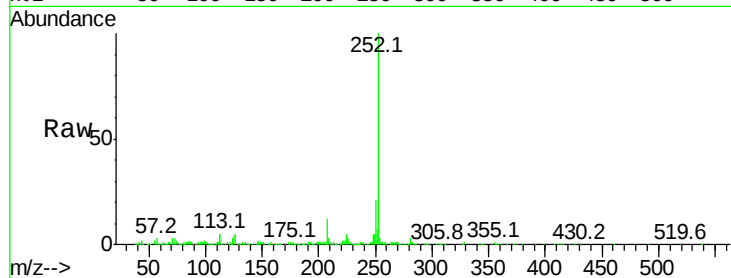
BDHN1

Tot Ion:	252	Resp:	270594
Ion Ratio	Lower	Upper	
252	100		
253	21.8	15.8	23.6
125	3.9	10.6	16.0

Manual Integrations

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#88

Benzo(a)pyrene

Concen: 6.63 ng/ul

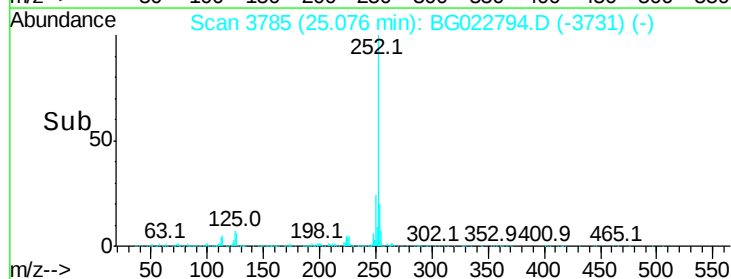
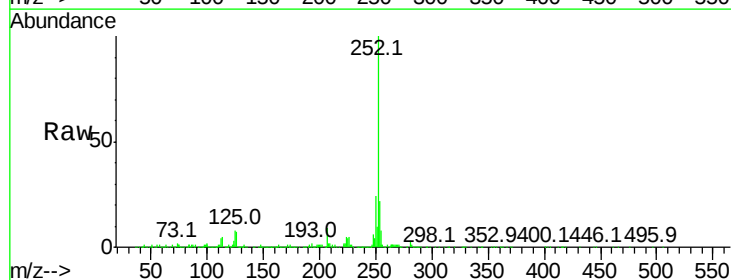
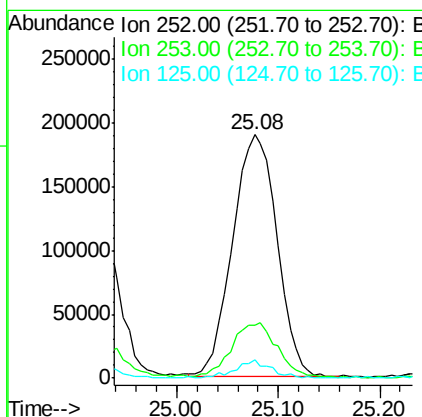
RT: 25.08 min Scan# 3785

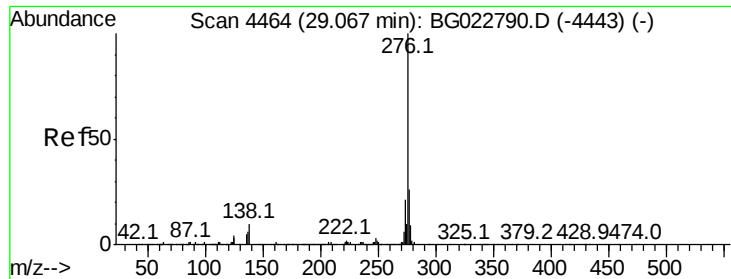
Delta R.T. 0.02 min

Lab File: BG022794.D

Acq: 2 Jul 2016 15:08

Tgt Ion:	252	Resp:	578582
Ion Ratio	Lower	Upper	
252	100		
253	21.9	19.0	28.4
125	7.6	12.0	18.0





#89

Indeno(1,2,3-cd)pyrene

Concen: 3.47 ng/ul m

RT: 29.09 min Scan# 4468

Delta R.T. 0.02 min

Lab File: BG022794.D

Acq: 2 Jul 2016 15:08

Instrument :

BNA_G

ClientSampled :

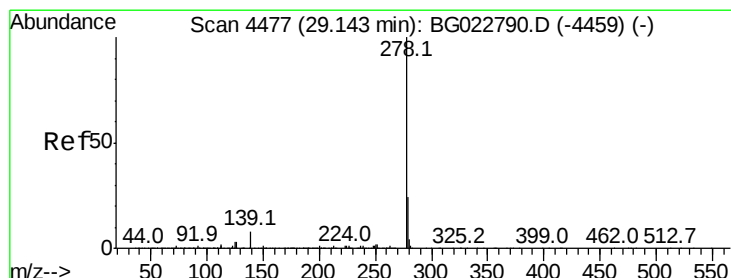
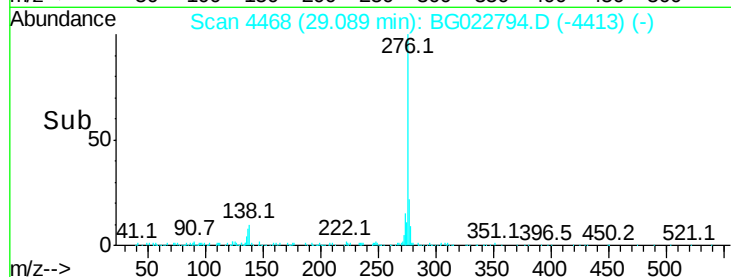
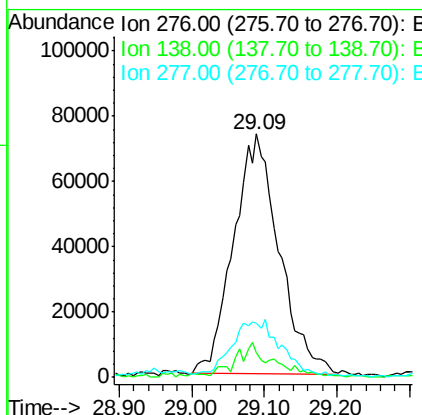
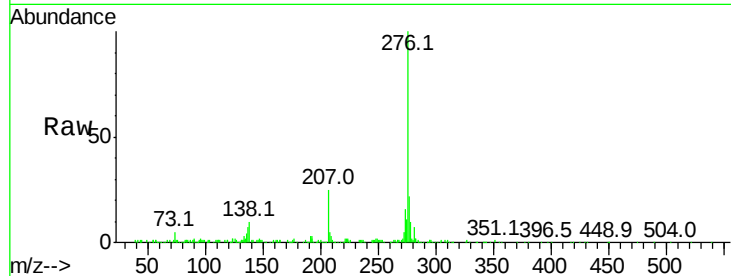
BDHN1

Tot Ion:	276	Resp:	320224
Ion Ratio	Lower	Upper	
276	100		
138	10.2	20.8	31.2#
277	22.3	17.6	26.4

Manual Integrations

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#90

Dibenzo(a,h)anthracene

Concen: 1.06 ng/ul m

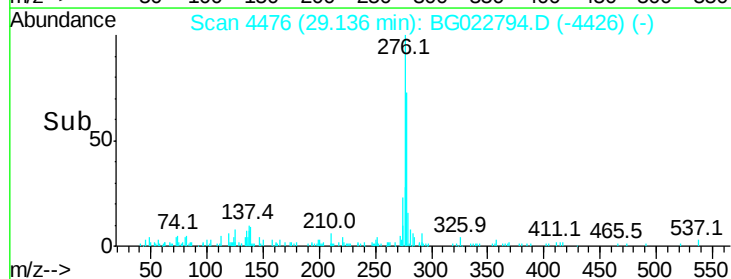
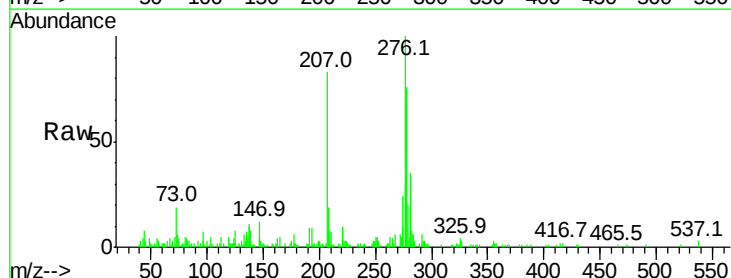
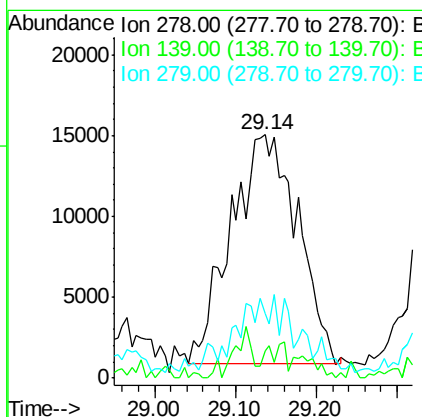
RT: 29.14 min Scan# 4476

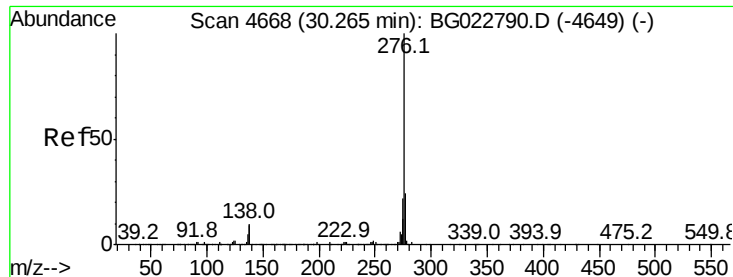
Delta R.T. -0.01 min

Lab File: BG022794.D

Acq: 2 Jul 2016 15:08

Tgt Ion:	278	Resp:	81151
Ion Ratio	Lower	Upper	
278	100		
139	11.1	16.3	24.5#
279	26.7	19.1	28.7





#91
 Benzo(a,h,i)perylene
 Concen: 3.87 ng/ul
 RT: 30.29 min Scan# 4673
 Delta R.T. 0.03 min
 Lab File: BG022794.D
 Acq: 2 Jul 2016 15:08

Instrument :
 BNA_G
 ClientSampleId :
 BDHN1

Tot Ion	Ratio	Lower	Upper
276	100		
138	9.5	22.1	33.1#
277	24.9	17.0	25.4

Manual Integrations

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