

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063016\
 Data File : BG022737.D
 Acq On : 30 Jun 2016 21:40
 Operator : UM/SJ
 Sample : H3759-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BDHN9

Manual Integrations

sohil
 7/1/2016 7:05:06 PM

Quant Time: Jul 01 04:35:37 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 01 03:35:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	113990	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	513029	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	400322	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	968235	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1117081	20.00	ng/ul	0.00
83) Perylene-d12	25.22	264	1141993	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	4617m	2.26	ng/uL	0.00
5) Phenol-d5	7.31	99	301852	25.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.47	67	182807	27.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	202520	25.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	230037	24.70	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	104154	25.46	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	130689	26.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	249398	24.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	259567	29.71	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	903350	27.78	ng/ul	0.00
46) Acenaphthylene-d8	14.50	160	994035	26.67	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	111513	21.84	ng/ul	0.00
57) Fluorene-d10	15.79	176	840962	27.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	133140	21.38	ng/ul	0.00
70) Anthracene-d10	17.66	188	1290648	28.68	ng/ul	0.00
76) Pyrene-d10	19.94	212	1570967	29.44	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1614805	29.76	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.34	94	15363	1.25	ng/ul#	55
14) Acetophenone	8.99	105	19282	1.28	ng/ul	98
44) Dimethylphthalate	14.24	163	205941	6.20	ng/ul	98
47) Acenaphthylene	14.52	152	50722m	1.35	ng/ul	
69) Phenanthrene	17.60	178	232483	4.69	ng/ul	100
71) Anthracene	17.69	178	209811	4.12	ng/ul	98
74) Fluoranthene	19.60	202	1456456	28.23	ng/ul#	86
77) Pyrene	19.97	202	1275369m	20.40	ng/ul	
80) Benzo(a)anthracene	21.83	228	1021317	15.59	ng/ul	93
81) Bis(2-ethylhexyl)phthalate	21.72	149	1078620	34.47	ng/ul#	94
82) Chrysene	21.90	228	889579	14.91	ng/ul	96
85) Benzo(b)fluoranthene	24.15	252	1303520	18.27	ng/ul#	89
86) Benzo(k)fluoranthene	24.21	252	444921m	6.64	ng/ul	
88) Benzo(a)pyrene	25.06	252	995955m	14.69	ng/ul	
89) Indeno(1,2,3-cd)pyrene	29.06	276	592365	8.26	ng/ul#	77
90) Dibenzo(a,h)anthracene	29.10	278	172825m	2.92	ng/ul	
91) Benzo(g,h,i)perylene	30.28	276	531569m	9.46	ng/ul	

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

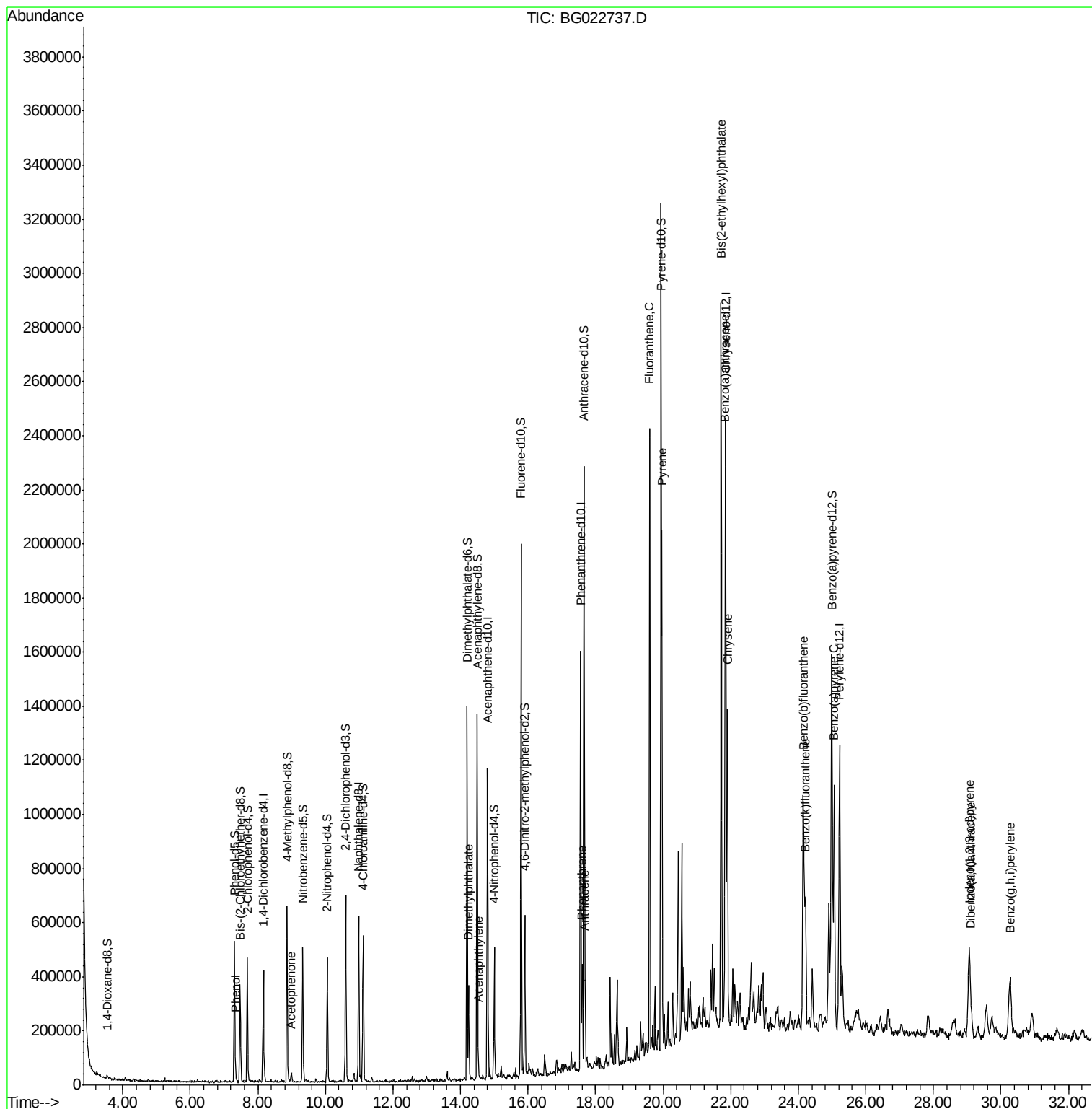
Data Path : Z:\HPCHEM1\BNA G\DATA\BG063016\
Data File : BG022737.D
Acq On : 30 Jun 2016 21:40
Operator : UM/SJ
Sample : H3759-09
Misc :
ALS Vial : 10 Sample Multiplier: 1

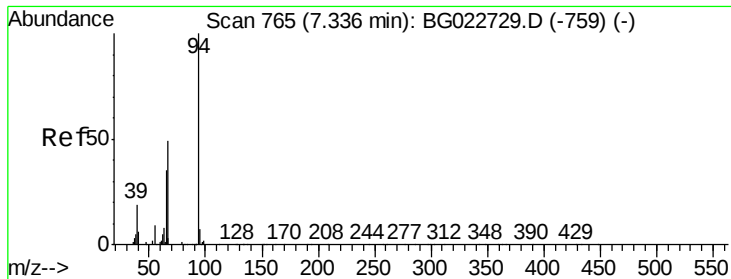
Instrument :
BNA_G
ClientSampleId :
BDHN9

Manual Integrations

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7/1/2016 7:05:06 PM

Quant Time: Jul 01 04:35:37 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 01 03:35:17 2016
Response via : Initial Calibration





#6

Phenol

Concen: 1.25 ng/ul

RT: 7.34 min Scan# 766

Delta R.T. 0.00 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

Instrument :

BNA_G

ClientSampleId :

BDHN9

Tot Ion: 94 Resp: 15363

Ion Ratio Lower Upper

94 100

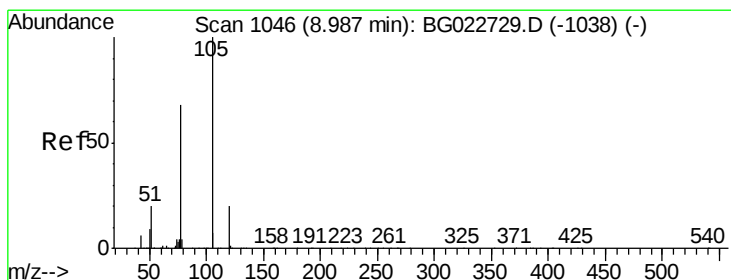
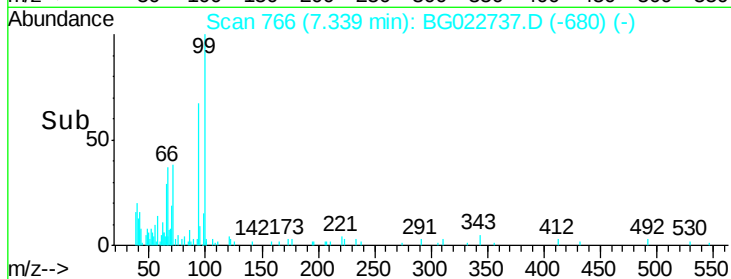
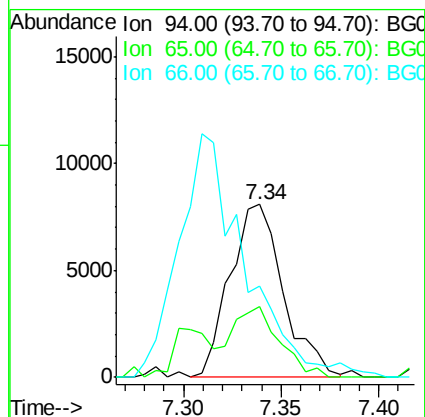
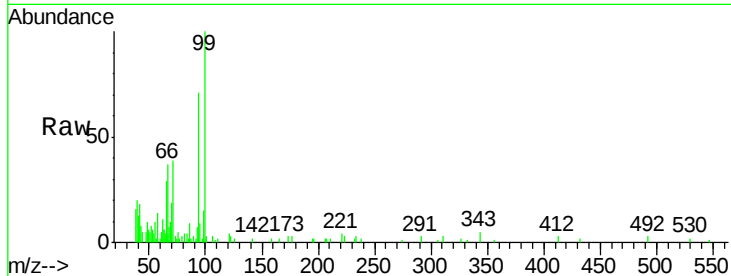
65 41.3 16.8 25.2#

66 52.9 22.6 33.8#

Manual Integrations

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#14

Acetophenone

Concen: 1.28 ng/ul

RT: 8.99 min Scan# 1047

Delta R.T. 0.00 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

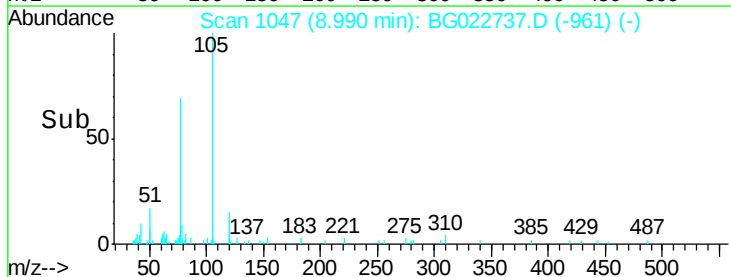
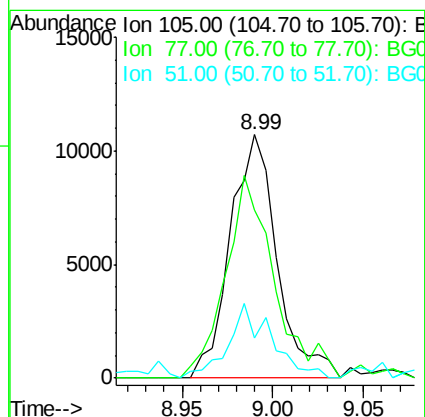
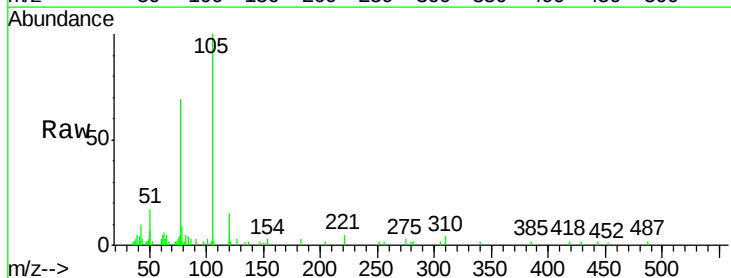
Tgt Ion: 105 Resp: 19282

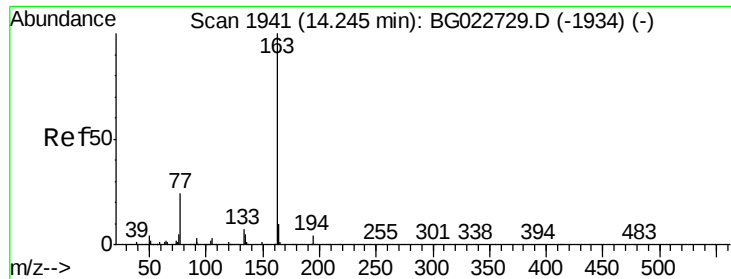
Ion Ratio Lower Upper

105 100

77 69.0 56.1 84.1

51 16.6 14.6 22.0





#44

Dimethylphthalate

Concen: 6.20 ng/ul

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

Instrument :

BNA_G

ClientSampleId :

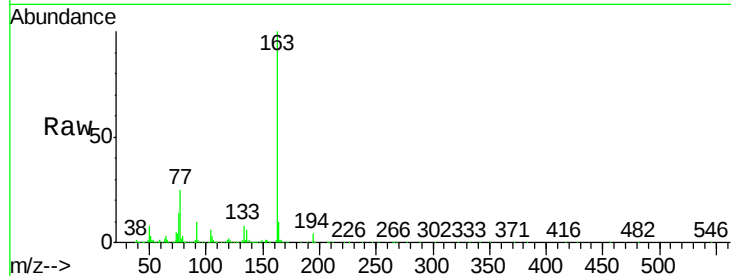
BDHN9

Tot Ion:	163	Resp:	205941
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.4	5.2
164	10.1	8.8	13.2

Manual Integrations

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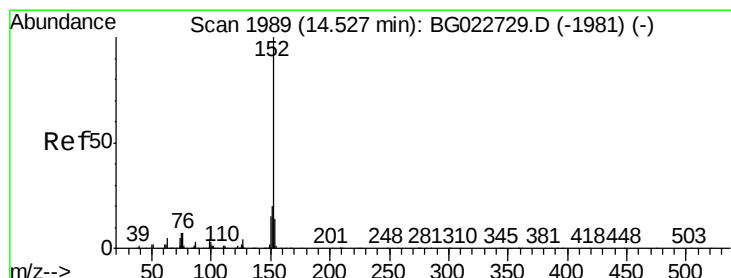
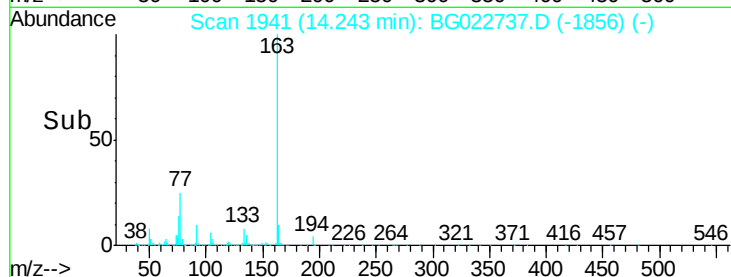
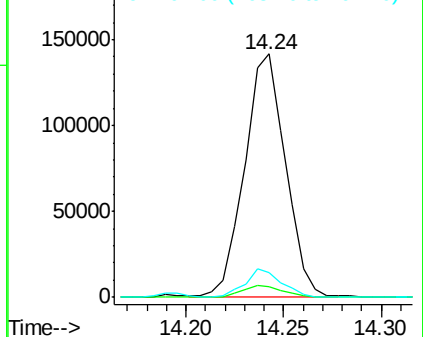
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#47

Acenaphthylene

Concen: 1.35 ng/ul m

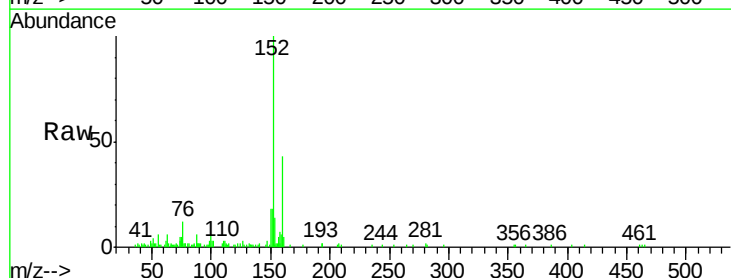
RT: 14.52 min Scan# 1989

Delta R.T. -0.00 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

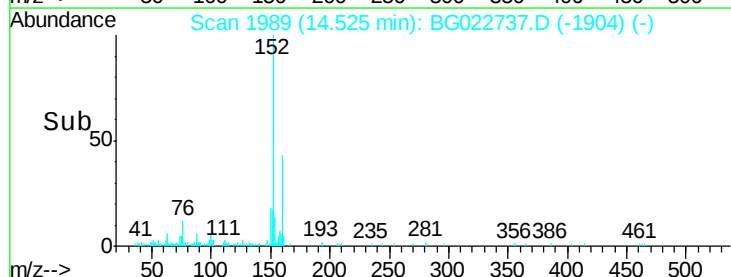
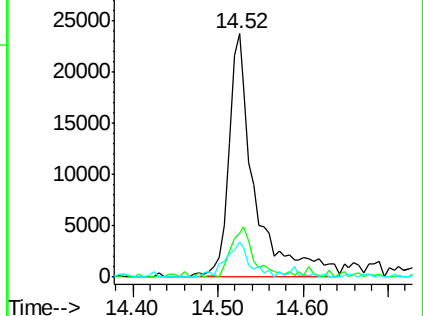
Tgt Ion:	152	Resp:	50722
Ion Ratio	Lower	Upper	
152	100		
151	18.2	17.5	26.3
153	14.1	11.1	16.7

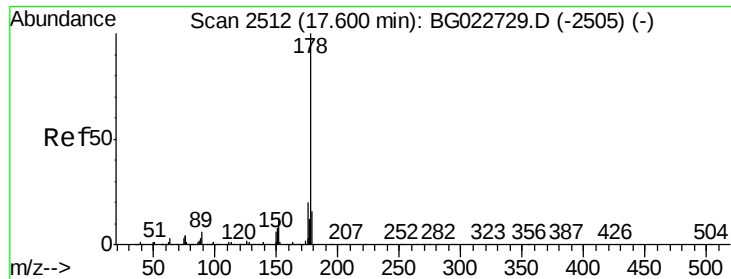


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#69

Phenanthrene

Concen: 4.69 ng/ul

RT: 17.60 min Scan# 2512

Delta R.T. -0.00 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

Instrument :

BNA_G

ClientSampleId :

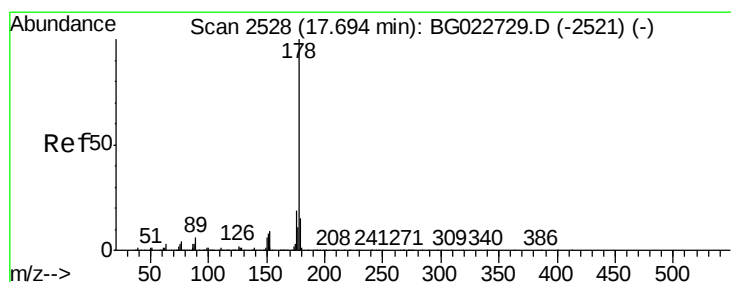
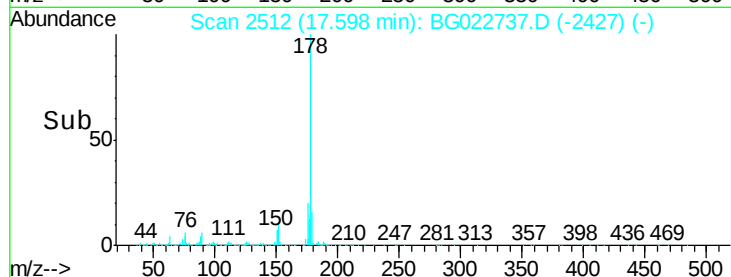
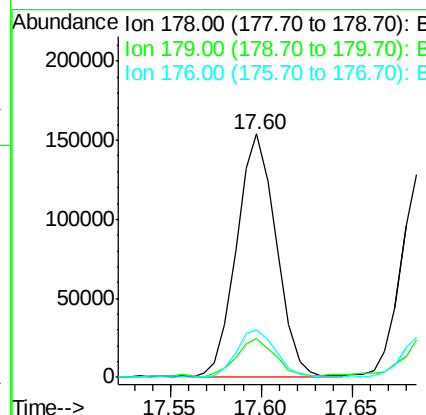
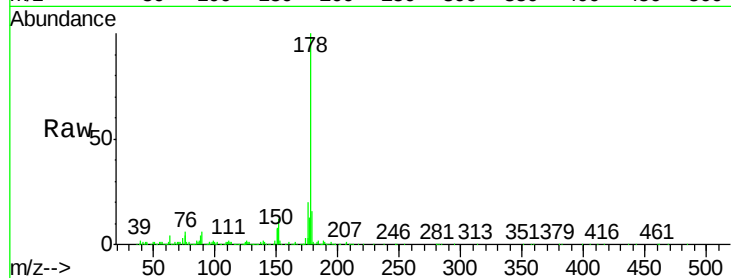
BDHN9

Tot Ion:178	Resp:	232483
Ion Ratio	Lower	Upper
178	100	
179	16.0	12.9 19.3
176	19.8	15.8 23.8

Manual Integrations

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#71

Anthracene

Concen: 4.12 ng/ul

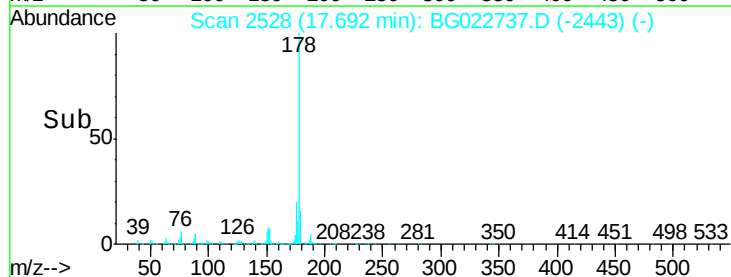
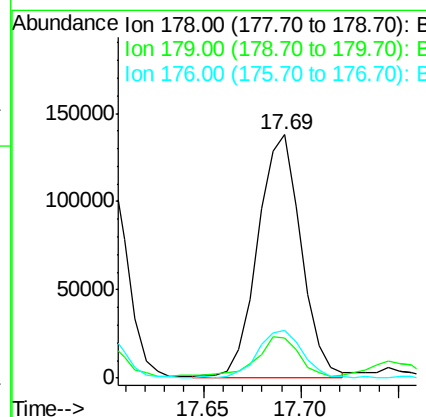
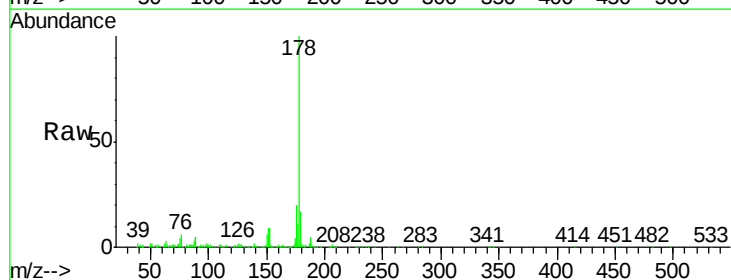
RT: 17.69 min Scan# 2528

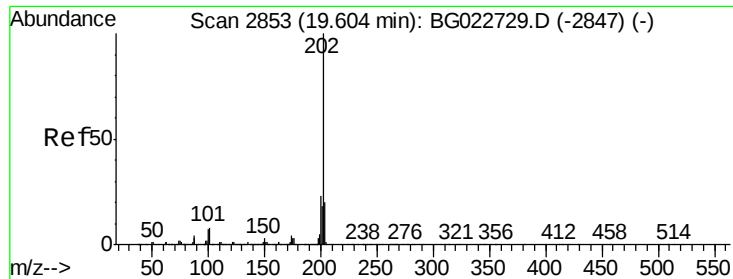
Delta R.T. -0.00 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

Tgt Ion:178	Resp:	209811
Ion Ratio	Lower	Upper
178	100	
179	16.6	12.3 18.5
176	19.7	16.3 24.5





#74

Fluoranthene

Concen: 28.23 ng/ul

RT: 19.60 min Scan# 2853

Delta R.T. -0.00 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

Instrument :

BNA_G

ClientSampleId :

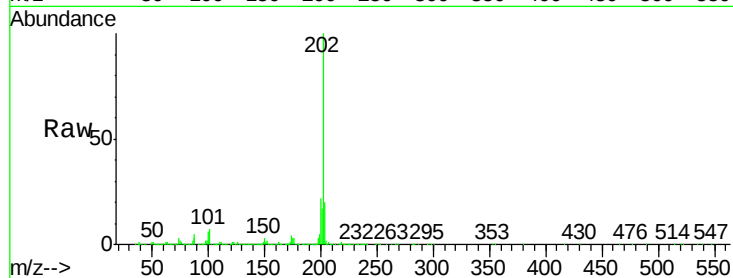
BDHN9

Tot Ion:	202	Resp:	1456456
Ion	Ratio	Lower	Upper
202	100		
101	7.5	10.6	16.0#
100	6.2	8.7	13.1#

Manual Integrations

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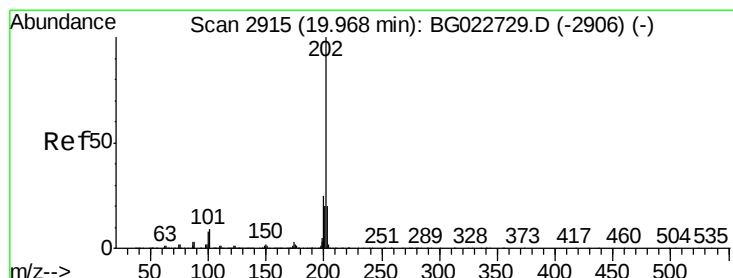
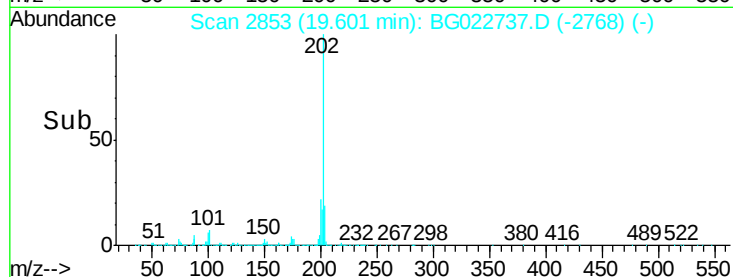
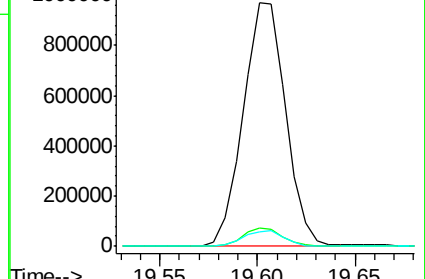
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 20.40 ng/ul m

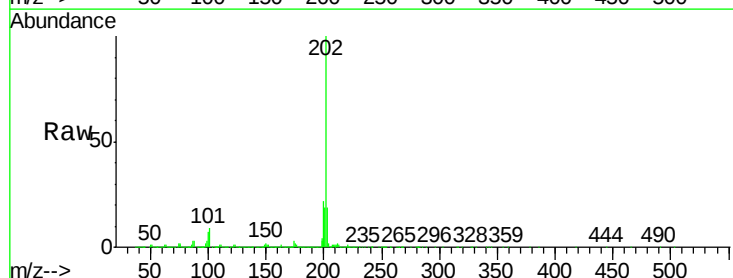
RT: 19.97 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

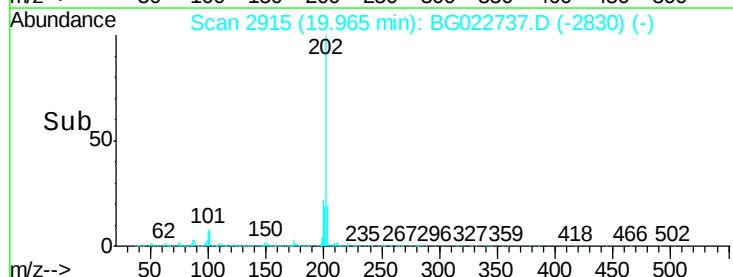
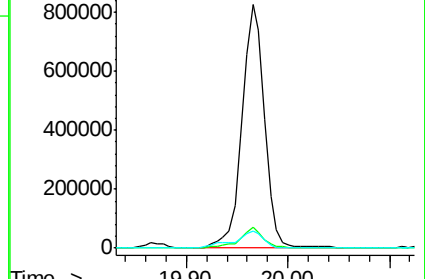
Tgt Ion:	202	Resp:	1275369
Ion	Ratio	Lower	Upper
202	100		
101	8.5	12.5	18.7#
100	7.0	10.2	15.4#

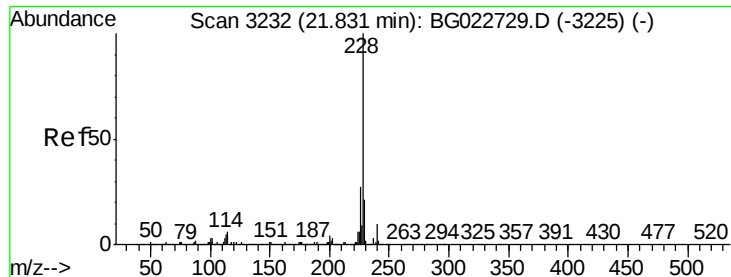


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





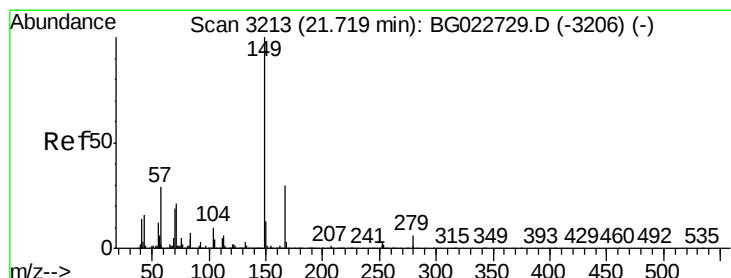
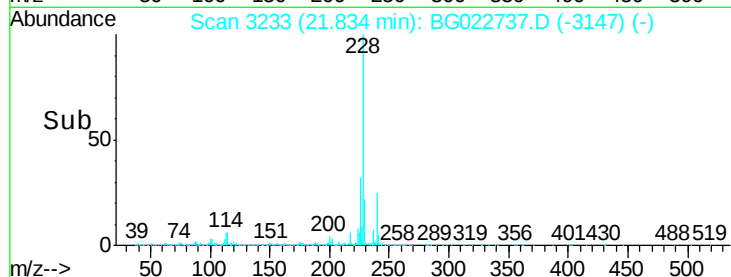
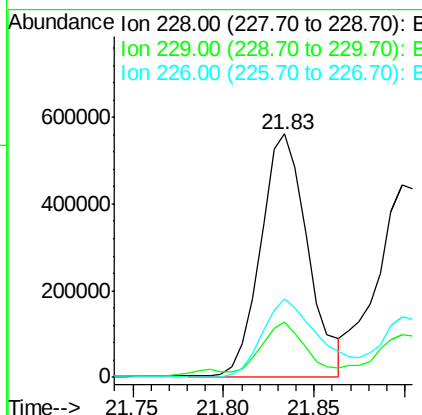
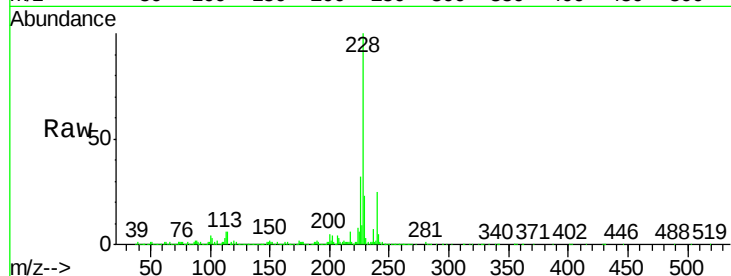
#80
Benzo(a)anthracene
Concen: 15.59 ng/ul
RT: 21.83 min Scan# 3233
Delta R.T. 0.00 min
Lab File: BG022737.D
Acq: 30 Jun 2016 21:40

Instrument :
BNA_G
ClientSampleId :
BDHN9

Tot Ion:228 Resp: 1021317
Ion Ratio Lower Upper
228 100
229 23.0 15.4 23.2
226 32.0 22.8 34.2

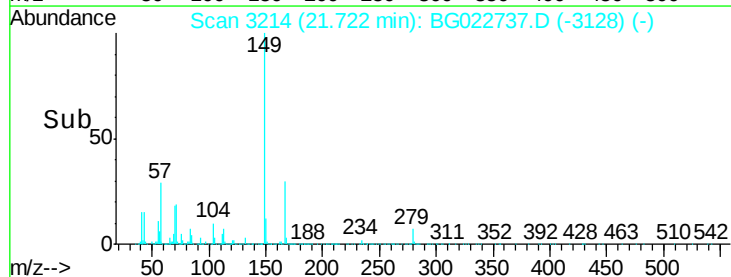
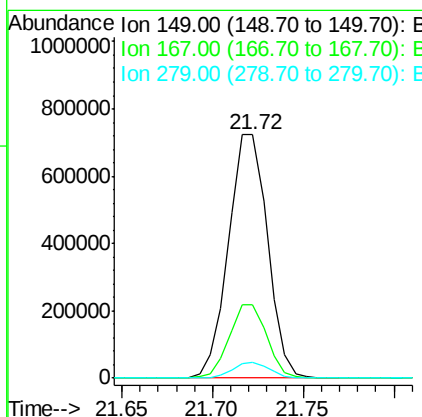
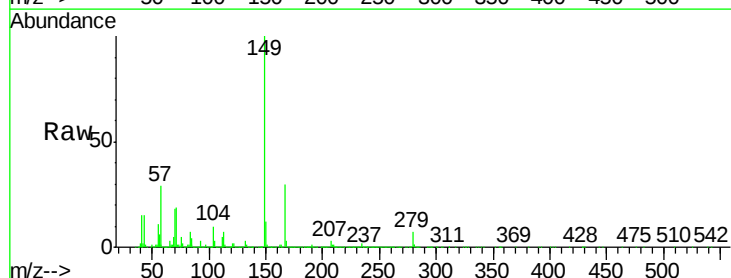
Manual Integrations

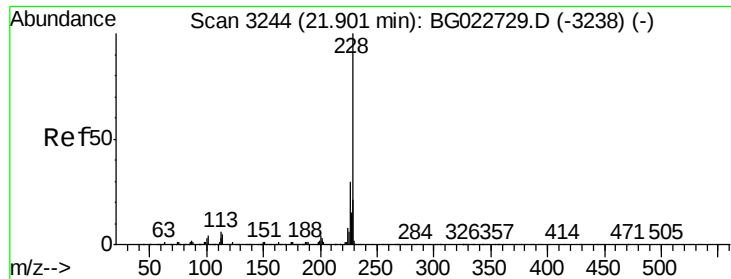
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#81
Bis(2-ethylhexyl)phthalate
Concen: 34.47 ng/ul
RT: 21.72 min Scan# 3214
Delta R.T. 0.00 min
Lab File: BG022737.D
Acq: 30 Jun 2016 21:40

Tgt Ion:149 Resp: 1078620
Ion Ratio Lower Upper
149 100
167 30.2 21.9 32.9
279 6.5 2.9 4.3#





#82

Chrysene

Concen: 14.91 ng/ul

RT: 21.90 min Scan# 3244

Delta R.T. -0.00 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

Instrument :

BNA_G

ClientSampleId :

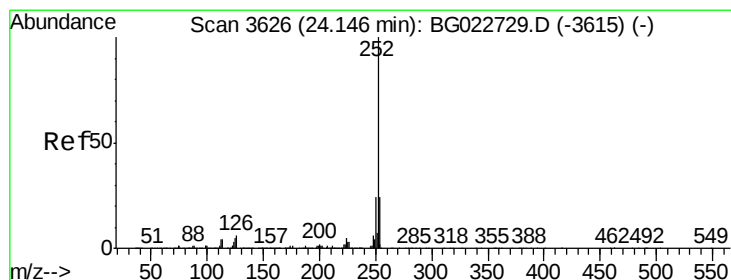
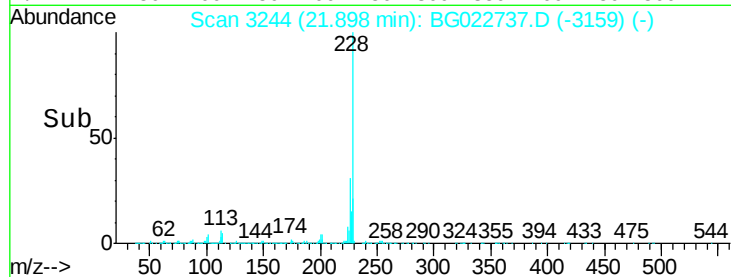
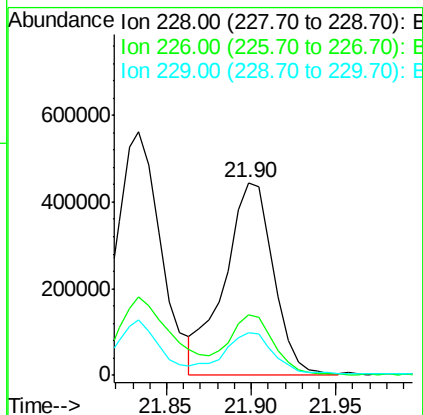
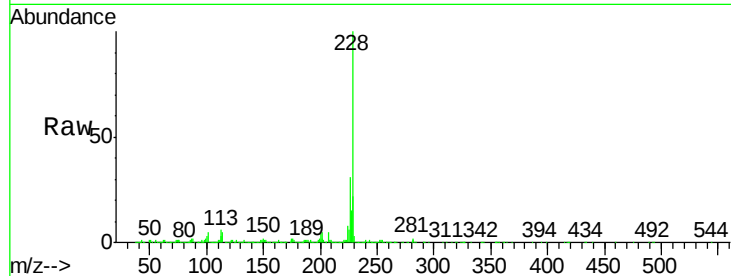
BDHN9

Tot Ion:	228	Resp:	889579
Ion Ratio	Lower	Upper	
228	100		
226	31.3	24.2	36.4
229	21.9	15.0	22.6

Manual Integrations

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#85

Benzo(b)fluoranthene

Concen: 18.27 ng/ul

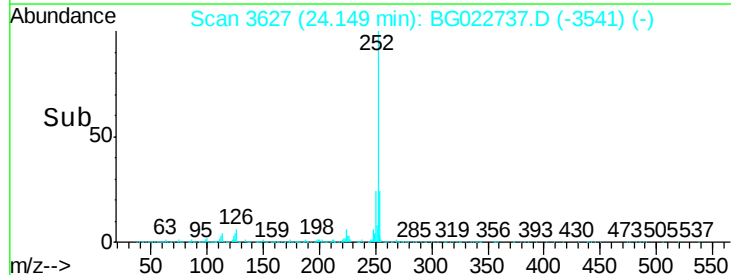
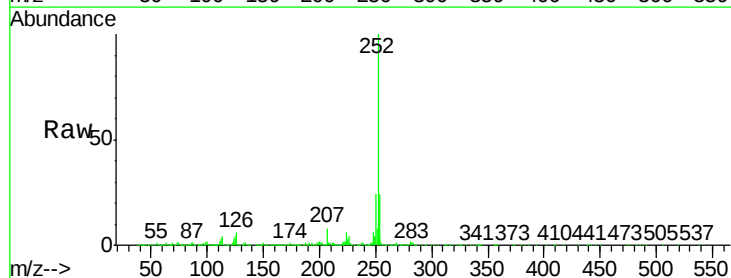
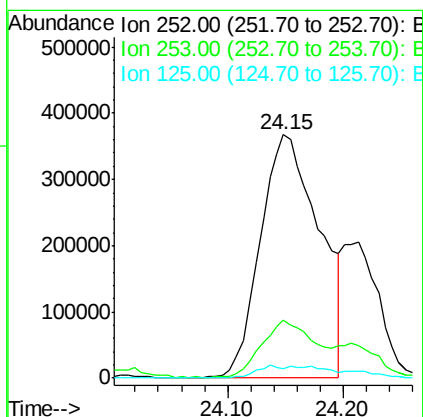
RT: 24.15 min Scan# 3627

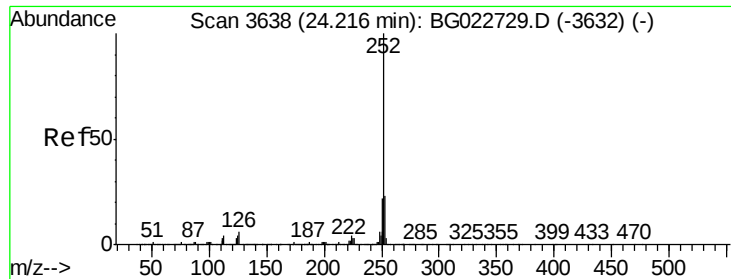
Delta R.T. 0.00 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

Tgt Ion:	252	Resp:	1303520
Ion Ratio	Lower	Upper	
252	100		
253	23.9	18.2	27.2
125	3.7	10.8	16.2#





#86

Benzo(k)fluoranthene

Concen: 6.64 ng/ul m

RT: 24.21 min Scan# 3638

Delta R.T. -0.00 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

Instrument :

BNA_G

ClientSampled :

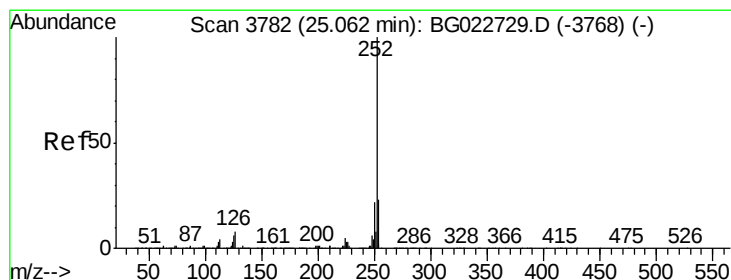
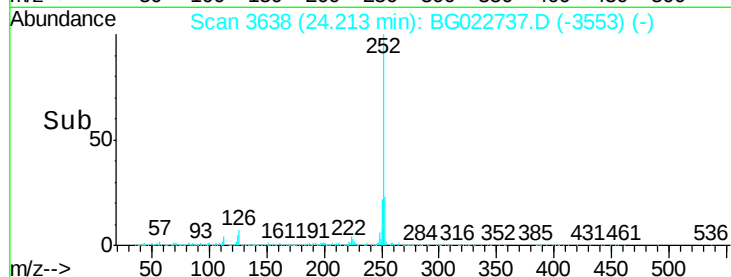
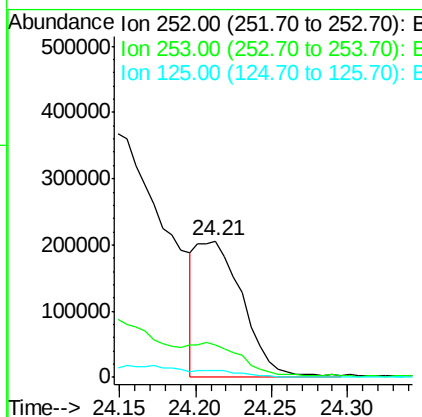
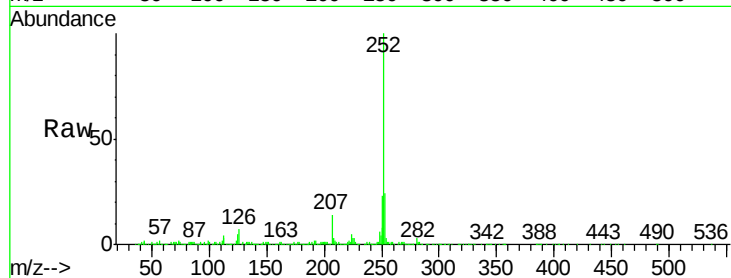
BDHN9

Tot Ion:	252	Resp:	444921
Ion Ratio	Lower	Upper	
252	100		
253	23.6	15.8	23.6
125	5.1	10.6	16.0#

Manual Integrations

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#88

Benzo(a)pyrene

Concen: 14.69 ng/ul m

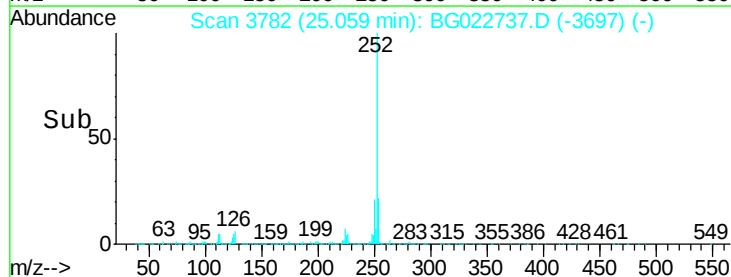
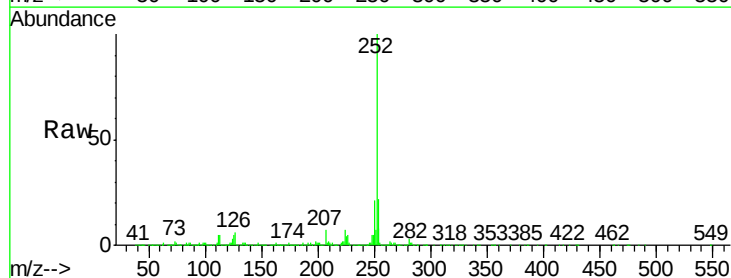
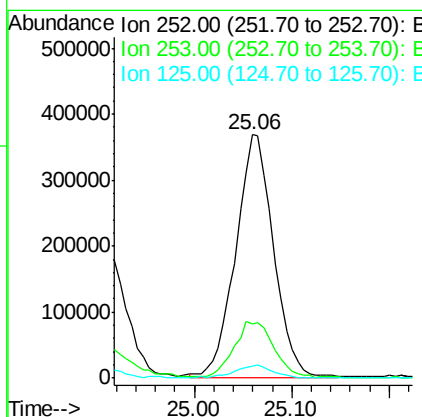
RT: 25.06 min Scan# 3782

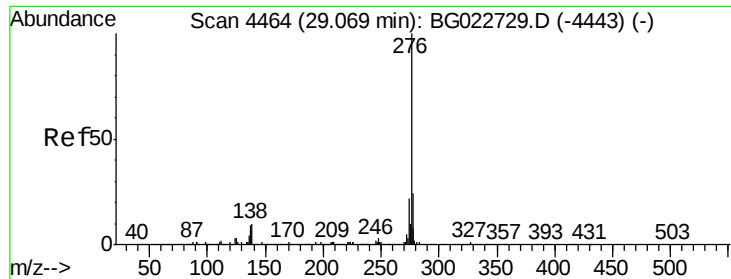
Delta R.T. -0.00 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

Tgt Ion:	252	Resp:	995955
Ion Ratio	Lower	Upper	
252	100		
253	22.1	19.0	28.4
125	5.0	12.0	18.0#





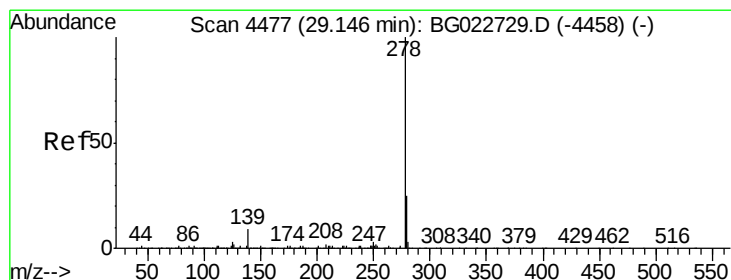
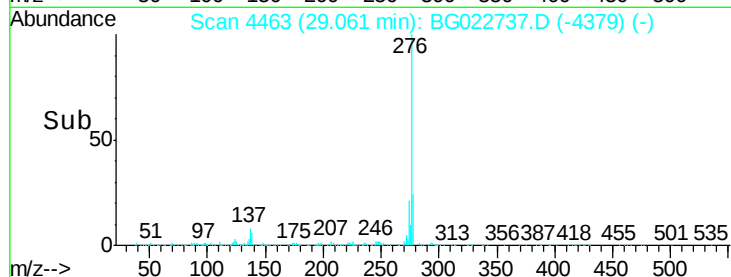
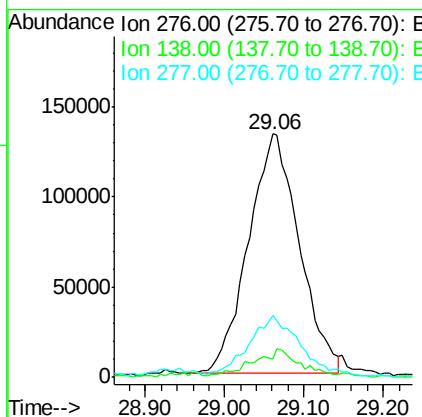
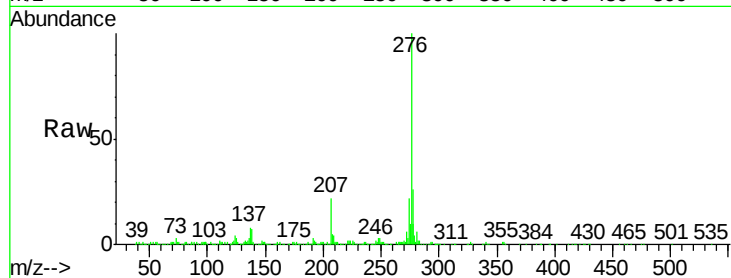
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 8.26 ng/ul
 RT: 29.06 min Scan# 4463
 Delta R.T. -0.01 min
 Lab File: BG022737.D
 Acq: 30 Jun 2016 21:40

Instrument :
 BNA_G
 ClientSampleId :
 BDHN9

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.3	20.8	31.2#
277	25.5	17.6	26.4

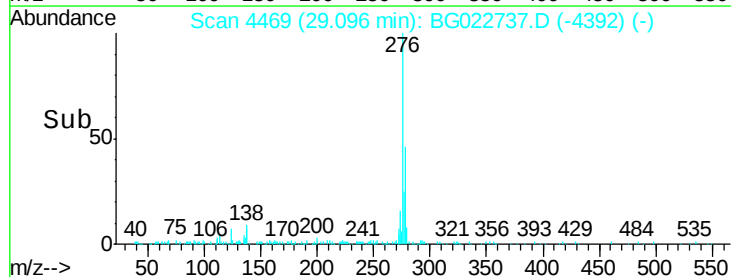
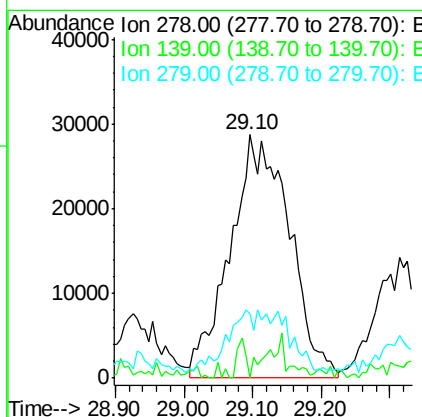
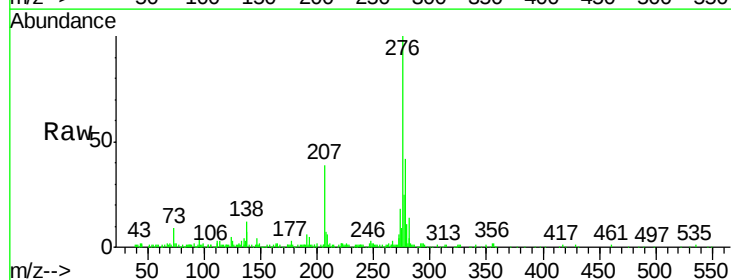
Manual Integrations

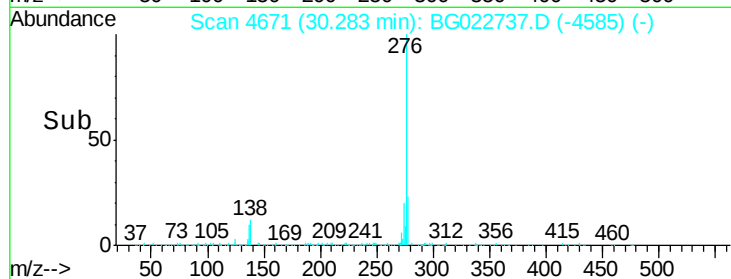
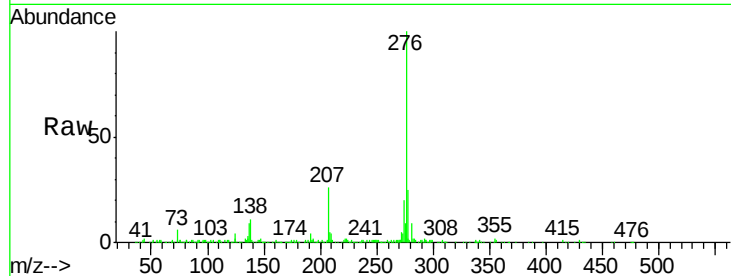
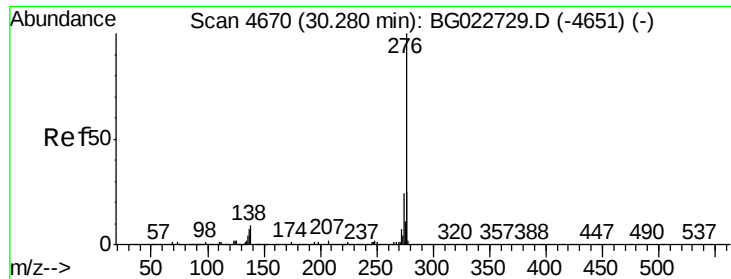
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#90
 Dibenzo(a,h)anthracene
 Concen: 2.92 ng/ul m
 RT: 29.10 min Scan# 4469
 Delta R.T. -0.05 min
 Lab File: BG022737.D
 Acq: 30 Jun 2016 21:40

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.3	24.5#
279	26.7	19.1	28.7





#91

Benzo(a,h,i)perylene

Concen: 9.46 ng/ul m

RT: 30.28 min Scan# 4671

Delta R.T. 0.00 min

Lab File: BG022737.D

Acq: 30 Jun 2016 21:40

Tot Ion:	276	Resp:	531569
Ion Ratio	Lower	Upper	
276	100		
138	11.3	22.1	33.1#
277	24.9	17.0	25.4

Instrument :

BNA_G

ClientSampleId :

BDHN9

Manual Integrations

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