

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG101517\
 Data File : BG029236.D
 Acq On : 14 Oct 2017 23:34
 Operator : SJ/JU
 Sample : I5548-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AB9

Manual Integrations
 APPROVED

Sohil
 10/16/2017 7:43:43 PM

Quant Time: Oct 15 03:29:23 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Oct 15 01:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	103662	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	465578	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	283035	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	601251	20.00	ng/ul	0.00
75) Chrysene-d12	21.80	240	534162	20.00	ng/ul	0.00
83) Perylene-d12	25.12	264	527426	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	14051	5.51	ng/uL	0.00
5) Phenol-d5	7.32	99	280827	28.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	182871	29.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	209189	29.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	196469	24.45	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	108774	32.54	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	118442	34.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	221405	28.37	ng/ul	0.00
29) 4-Chloroaniline-d4	11.11	131	262809	28.99	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	710796	29.37	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	884410	30.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.97	143	110155	24.66	ng/ul	0.00
57) Fluorene-d10	15.78	176	609984	30.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	77586	26.44	ng/ul	0.00
70) Anthracene-d10	17.62	188	842028	29.61	ng/ul	0.00
76) Pyrene-d10	19.90	212	859373	31.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	749076	29.99	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	7.35	94	30446	2.957	ng/ul#	87
44) Dimethylphthalate	14.23	163	291176	12.337	ng/ul	98
49) Acenaphthene	14.85	153	52644	2.563	ng/ul	98
53) Dibenzofuran	15.19	168	37410	1.332	ng/ul	95
58) Fluorene	15.83	166	60824	2.715	ng/ul	93
69) Phenanthrene	17.57	178	899188	27.665	ng/ul	97
71) Anthracene	17.66	178	198543	5.920	ng/ul	100
72) Carbazole	17.92	167	85282	2.829	ng/ul	97
74) Fluoranthene	19.57	202	1183210	32.573	ng/ul#	90
77) Pyrene	19.93	202	919720	25.691	ng/ul#	86
80) Benzo(a)anthracene	21.78	228	459534	13.727	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.67	149	31939	1.518	ng/ul	93
82) Chrysene	21.85	228	407468	13.396	ng/ul	94
85) Benzo(b)fluoranthene	24.06	252	492831	15.565	ng/ul#	93
86) Benzo(k)fluoranthene	24.12	252	169554m	5.539	ng/ul	
88) Benzo(a)pyrene	24.96	252	336049	10.903	ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	28.89	276	214152	6.141	ng/ul#	89
90) Dibenzo(a,h)anthracene	28.94	278	54819	1.892	ng/ul#	71
91) Benzo(g,h,i)perylene	30.07	276	158453	5.482	ng/ul#	88

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

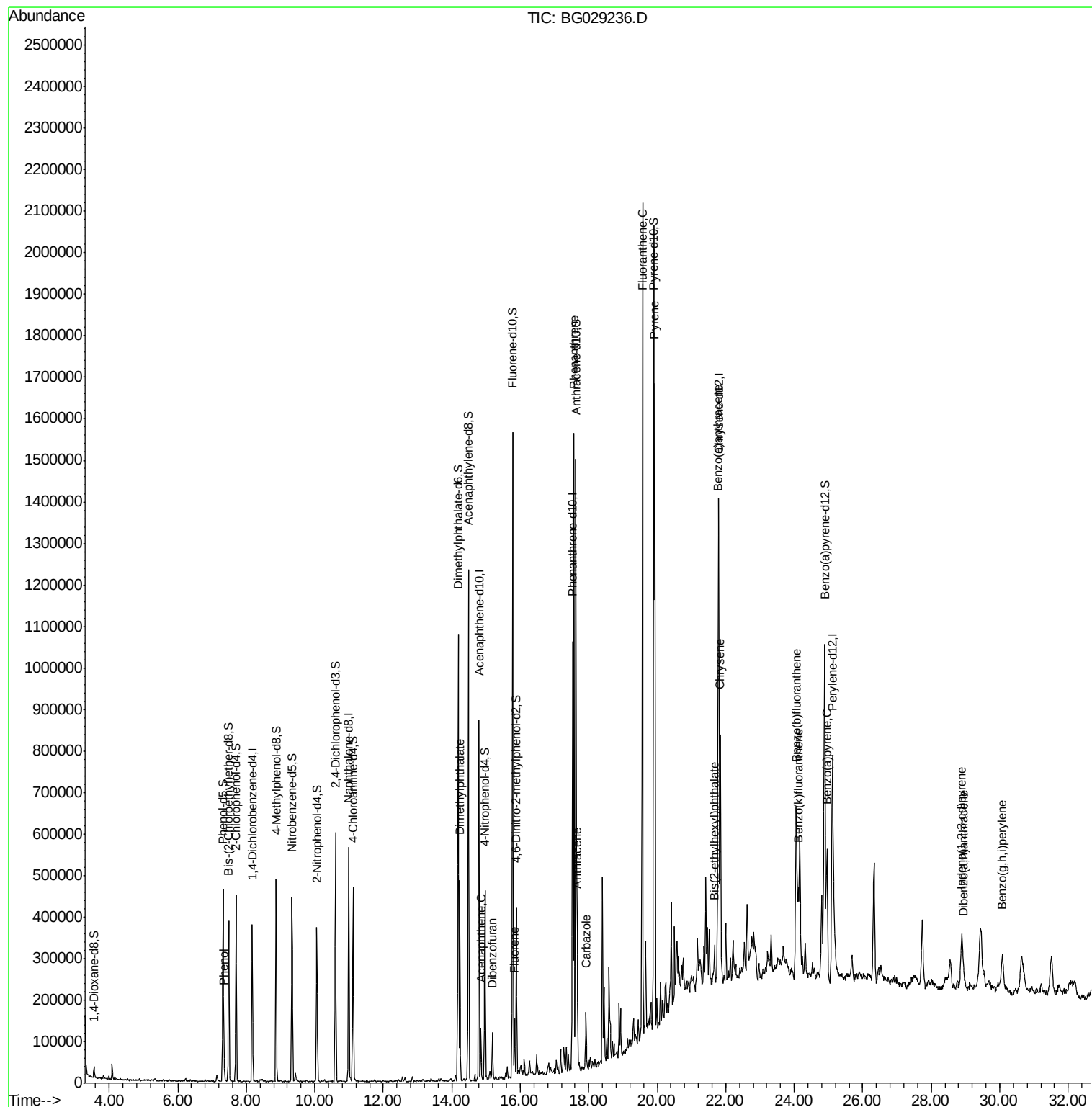
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029236.D
Acq On : 14 Oct 2017 23:34
Operator : SJ/JU
Sample : I5548-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

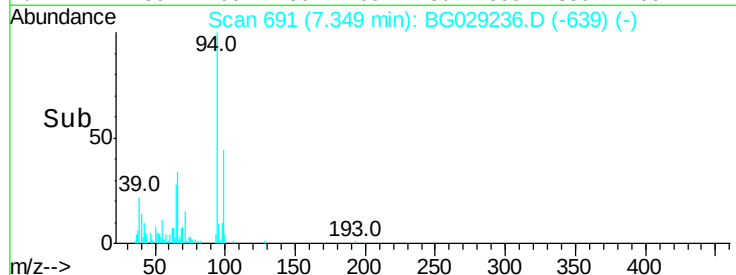
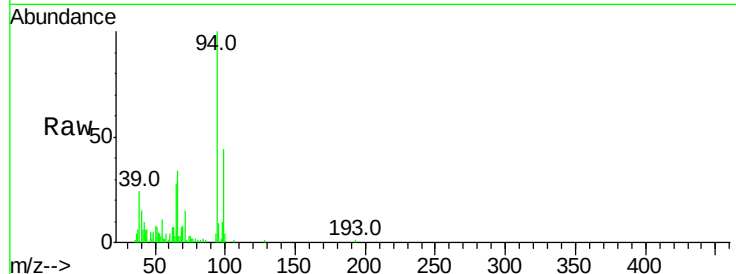
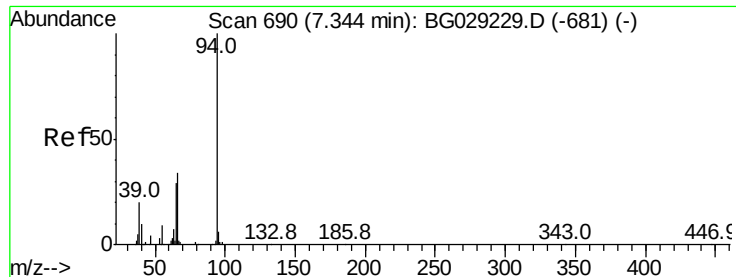
Instrument :
BNA_G
ClientSampled :
C0AB9

Manual Integrations
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Quant Time: Oct 15 03:29:23 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Oct 15 01:38:25 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.957 ng/ul

RT: 7.35 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG029236.D

Acq: 14 Oct 2017 23:34

Tot Ion:	94	Resp:	30446
Ion Ratio	Lower	Upper	
94	100		
65	28.2	27.1	40.7
66	33.7	34.6	52.0#

Instrument :

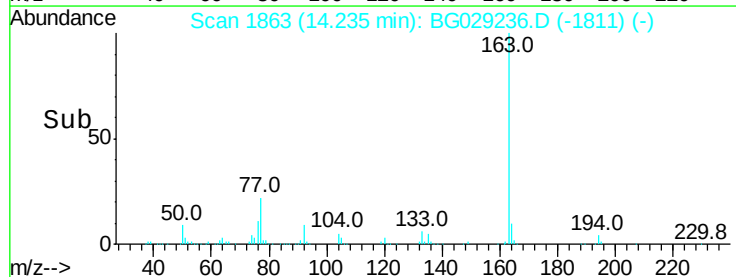
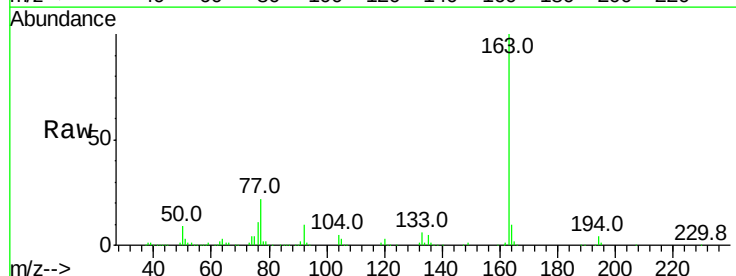
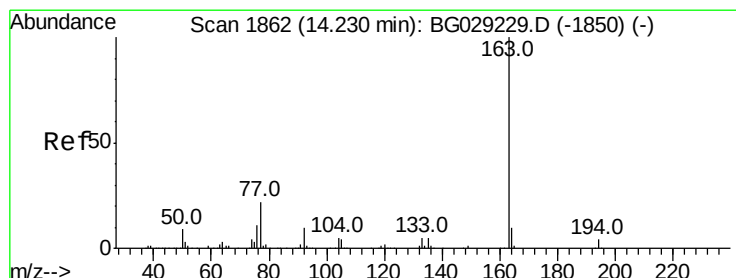
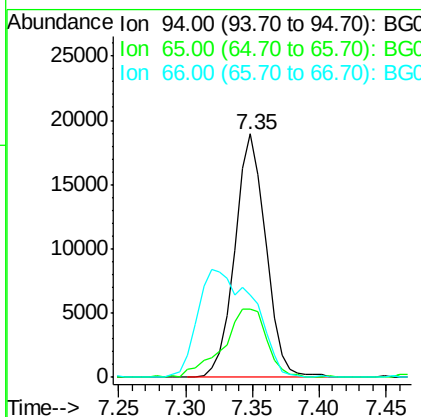
BNA_G

ClientSampled :

C0AB9

Manual Integrations
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#44

Dimethylphthalate

Concen: 12.337 ng/ul

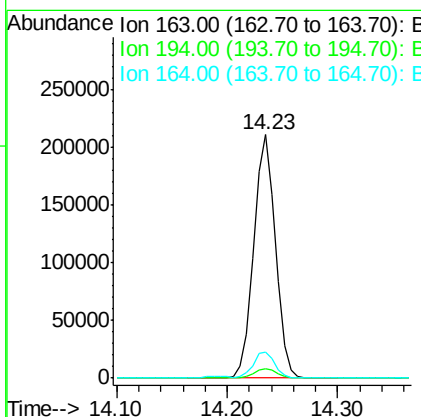
RT: 14.23 min Scan# 1863

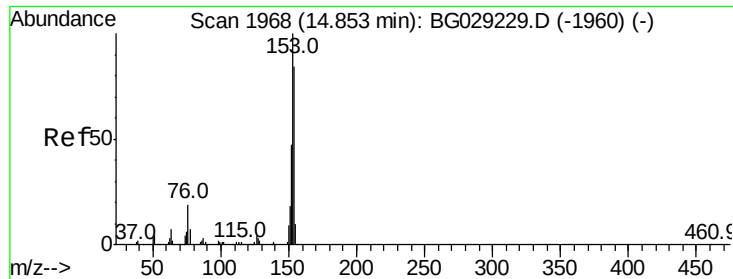
Delta R.T. 0.00 min

Lab File: BG029236.D

Acq: 14 Oct 2017 23:34

Tgt Ion:	163	Resp:	291176
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.5	5.3
164	10.5	7.6	11.4





#49

Acenaphthene

Concen: 2.563 ng/ul

RT: 14.85 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG029236.D

Acq: 14 Oct 2017 23:34

Instrument :

BNA_G

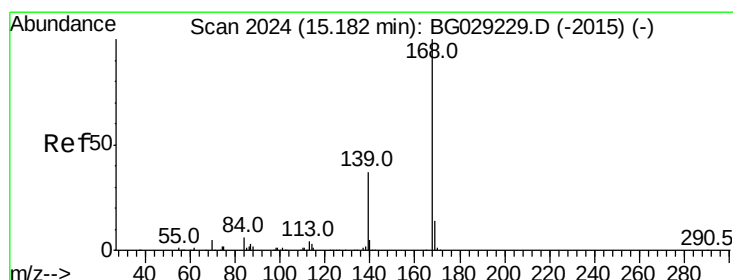
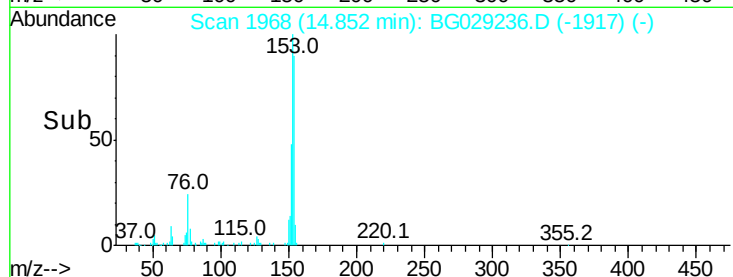
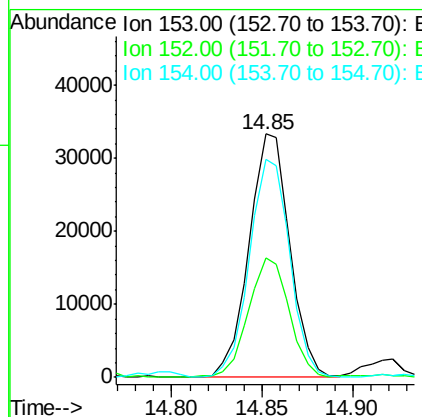
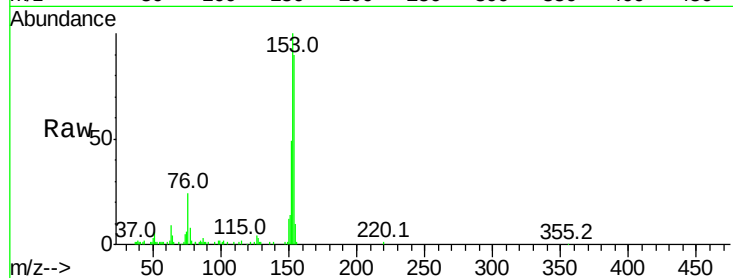
ClientSampleId :

C0AB9

Tot Ion:153	Resp:	52644
Ion Ratio	Lower	Upper
153 100		
152 49.1	38.2	57.2
154 89.8	70.6	105.8

Manual Integrations
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#53

Dibenzofuran

Concen: 1.332 ng/ul

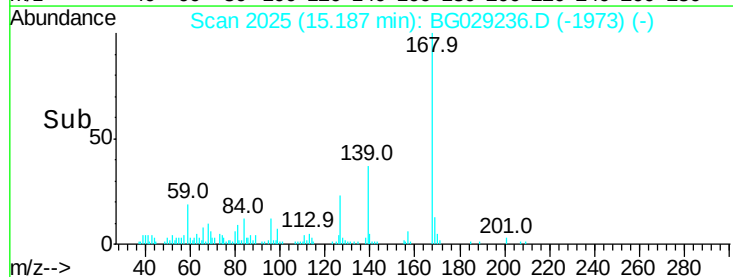
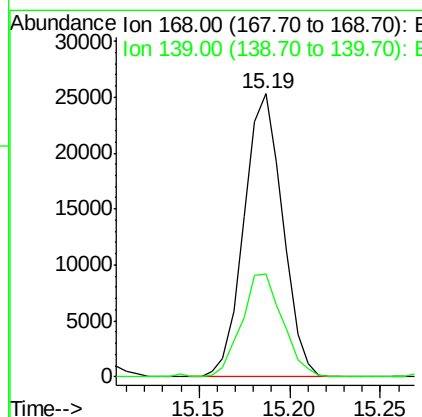
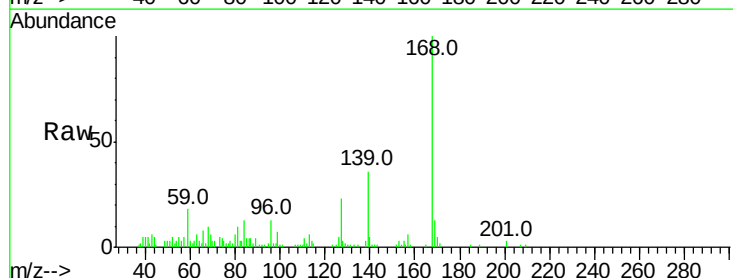
RT: 15.19 min Scan# 2025

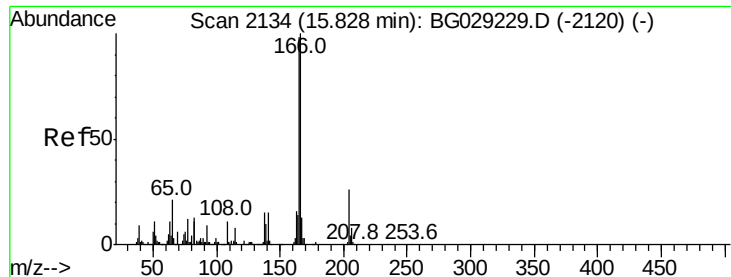
Delta R.T. 0.00 min

Lab File: BG029236.D

Acq: 14 Oct 2017 23:34

Tgt Ion:168	Resp:	37410
Ion Ratio	Lower	Upper
168 100		
139 36.4	31.4	47.2





#58

Fluorene

Concen: 2.715 ng/ul

RT: 15.83 min Scan# 2135

Delta R.T. 0.00 min

Lab File: BG029236.D

Acq: 14 Oct 2017 23:34

Instrument :

BNA_G

ClientSampleId :

C0AB9

Tot Ion:166 Resp: 60824

Ion Ratio Lower Upper

166 100

165 92.0 79.9 119.9

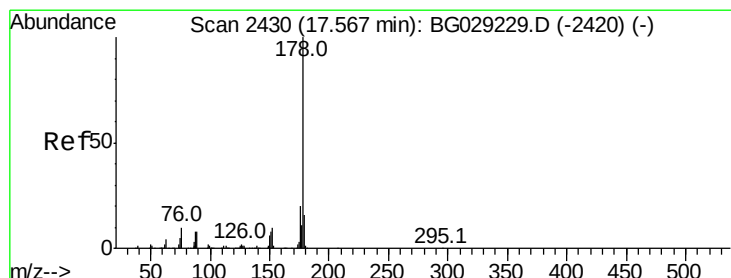
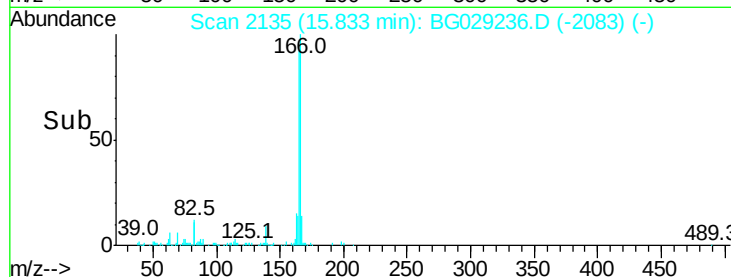
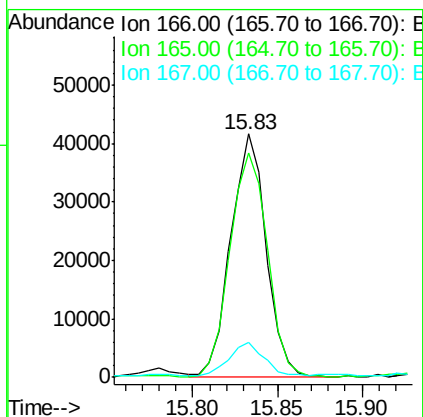
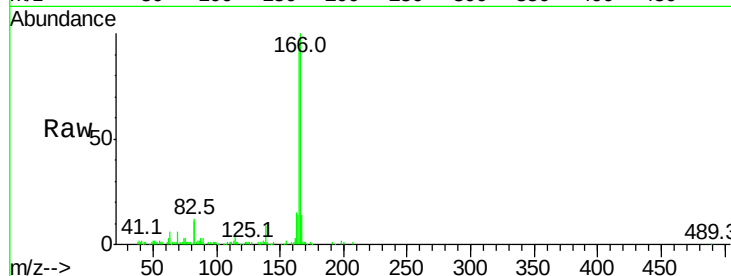
167 14.1 10.6 16.0

Manual Integrations

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#69

Phenanthrene

Concen: 27.665 ng/ul

RT: 17.57 min Scan# 2431

Delta R.T. 0.00 min

Lab File: BG029236.D

Acq: 14 Oct 2017 23:34

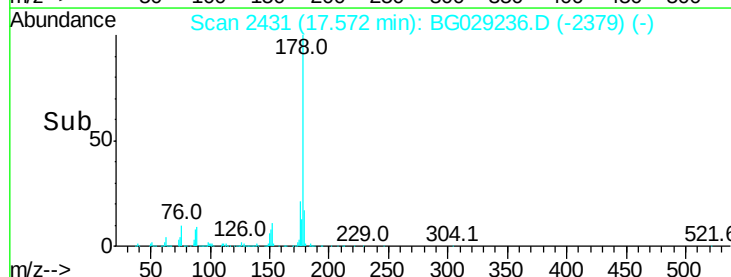
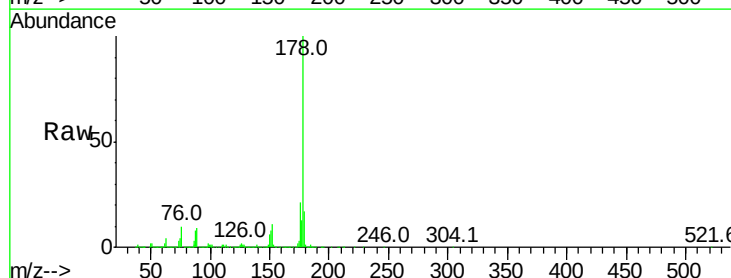
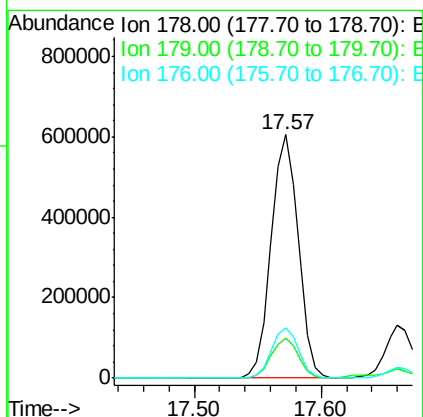
Tgt Ion:178 Resp: 899188

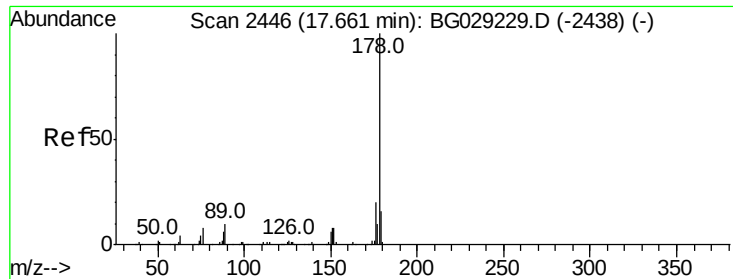
Ion Ratio Lower Upper

178 100

179 16.7 13.0 19.6

176 20.9 15.3 22.9





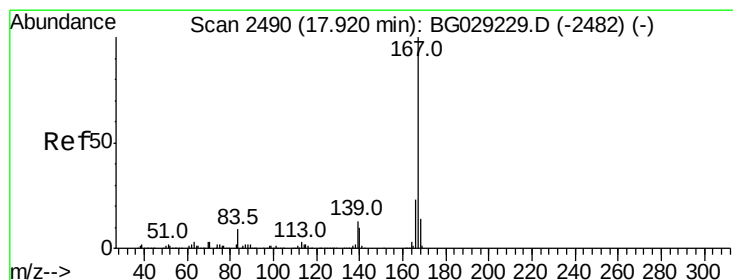
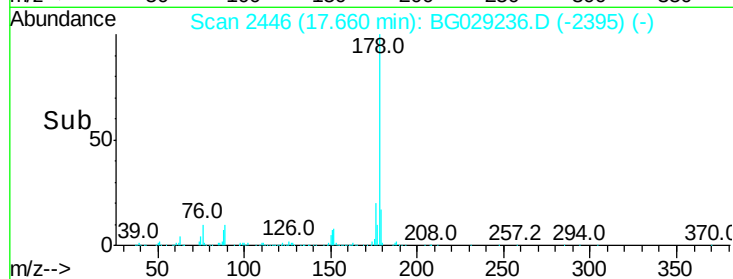
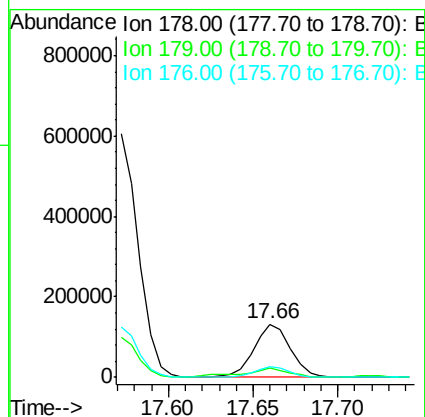
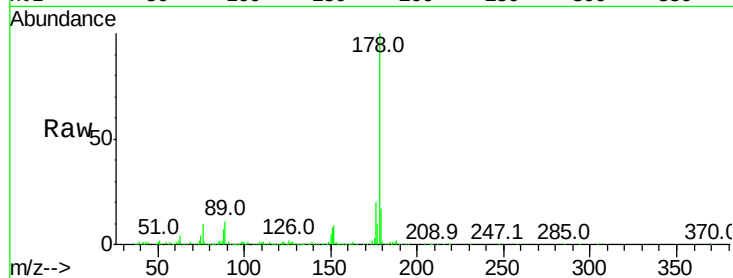
#71
 Anthracene
 Concen: 5.920 ng/ul
 RT: 17.66 min Scan# 2446
 Delta R.T. -0.00 min
 Lab File: BG029236.D
 Acq: 14 Oct 2017 23:34

Instrument :
 BNA_G
 ClientSampleId :
 C0AB9

Tot Ion:	178	Resp:	198543
Ion Ratio	Lower	Upper	
178	100		
179	16.5	13.2	19.8
176	20.2	16.0	24.0

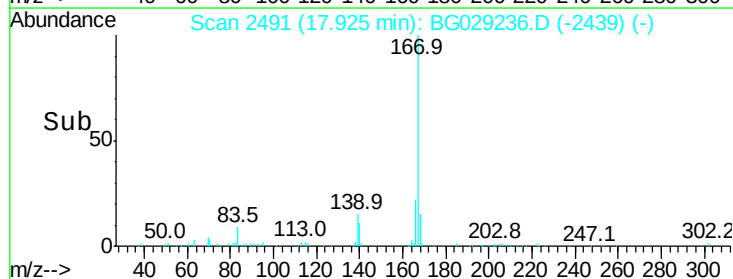
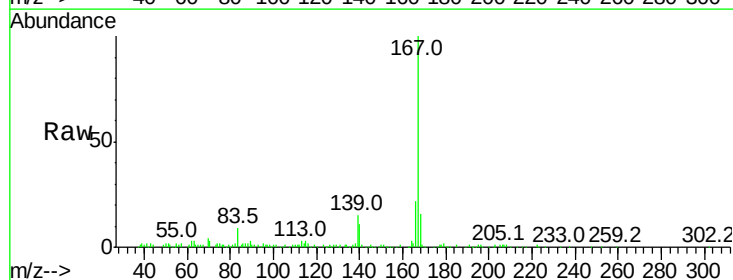
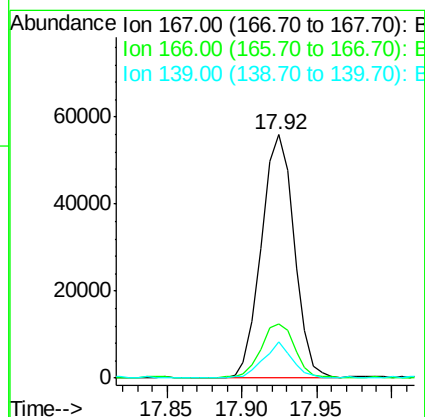
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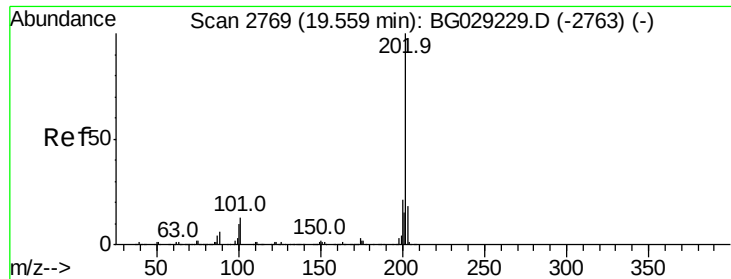
Sohil
 10/16/2017 7:43:43 PM



#72
 Carbazole
 Concen: 2.829 ng/ul
 RT: 17.92 min Scan# 2491
 Delta R.T. 0.00 min
 Lab File: BG029236.D
 Acq: 14 Oct 2017 23:34

Tgt Ion:	167	Resp:	85282
Ion Ratio	Lower	Upper	
167	100		
166	22.3	18.6	28.0
139	15.1	10.6	16.0





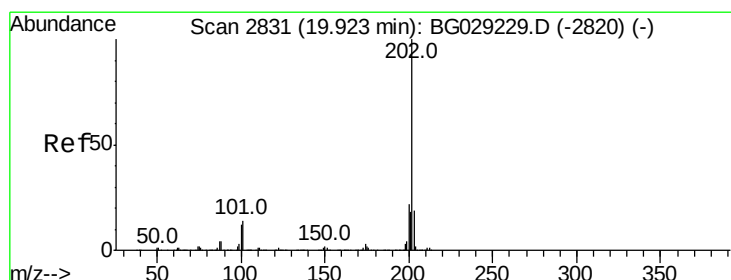
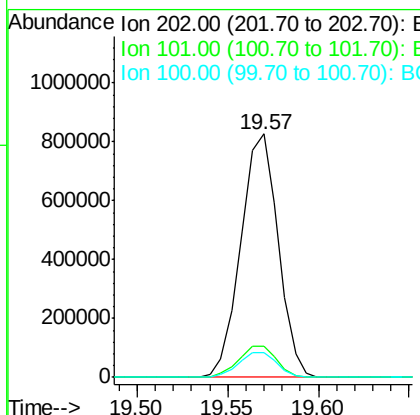
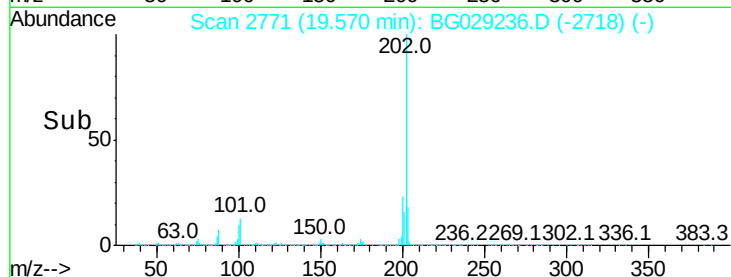
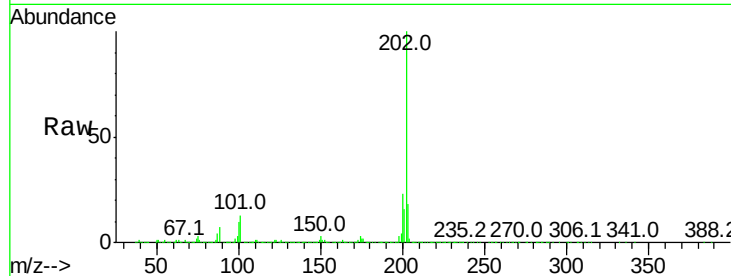
#74
Fluoranthene
Concen: 32.573 ng/ul
RT: 19.57 min Scan# 2771
Delta R.T. 0.01 min
Lab File: BG029236.D
Acq: 14 Oct 2017 23:34

Instrument :
BNA_G
ClientSampled :
C0AB9

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.9	7.4	11.2#
100	10.3	5.6	8.4#

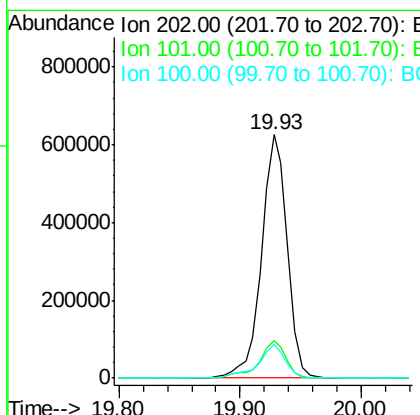
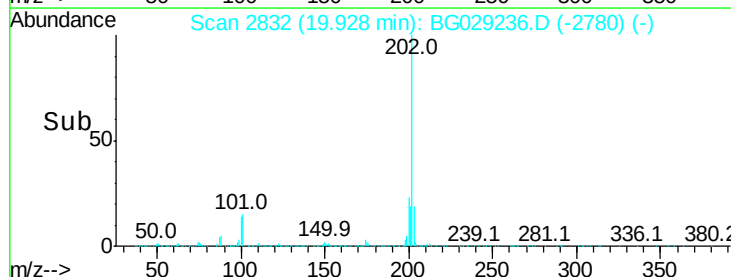
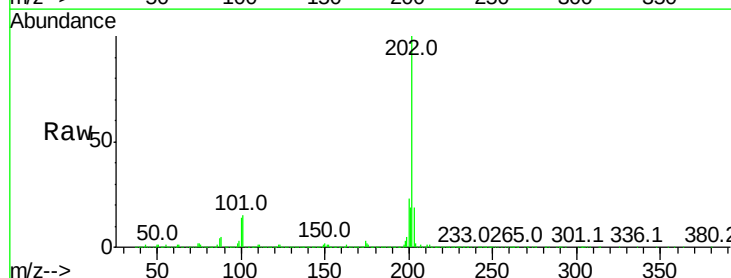
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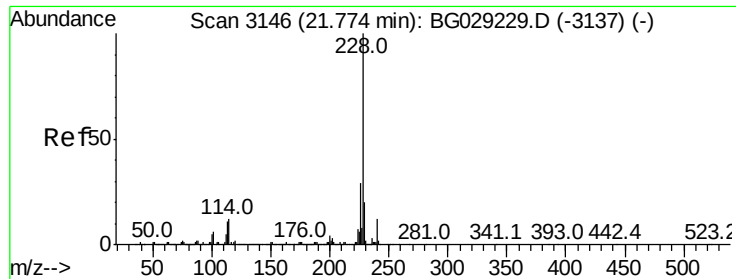
Sohil
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#77
Pyrene
Concen: 25.691 ng/ul
RT: 19.93 min Scan# 2832
Delta R.T. 0.00 min
Lab File: BG029236.D
Acq: 14 Oct 2017 23:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.5	8.4	12.6#
100	13.9	7.0	10.6#





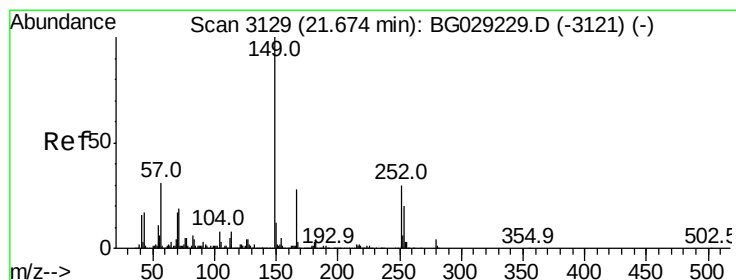
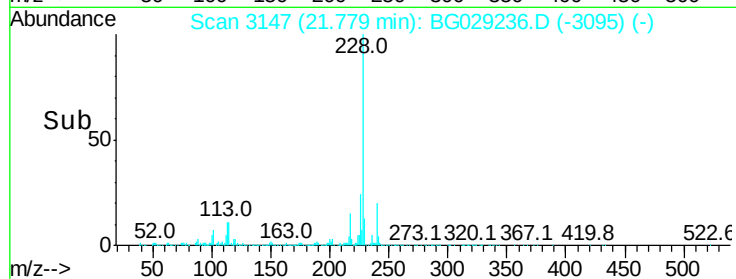
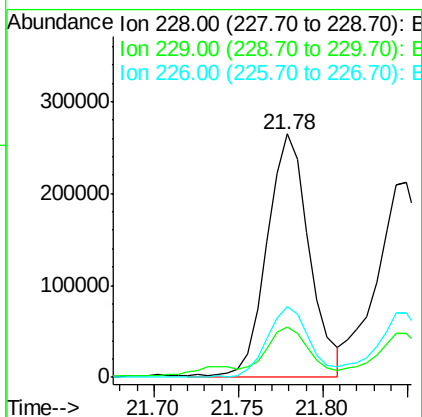
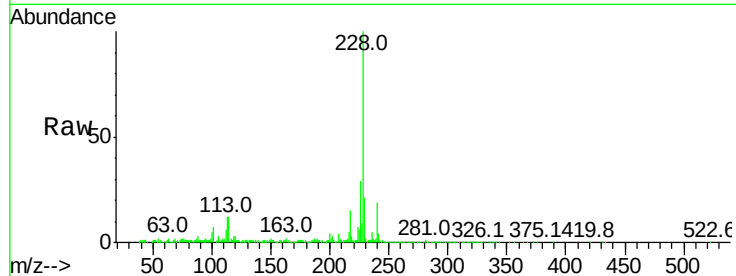
#80
Benzo(a)anthracene
Concen: 13.727 ng/ul
RT: 21.78 min Scan# 3147
Delta R.T. 0.00 min
Lab File: BG029236.D
Acq: 14 Oct 2017 23:34

Instrument :
BNA_G
ClientSampleId :
C0AB9

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.2	24.4
226	28.9	22.2	33.2

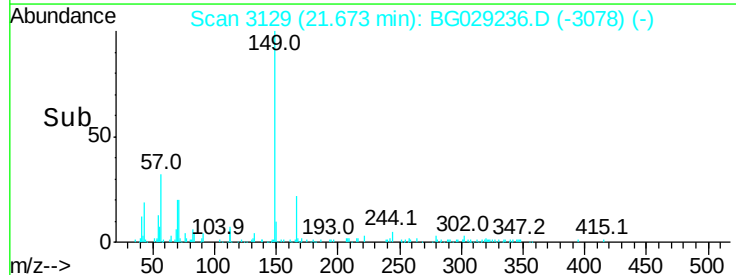
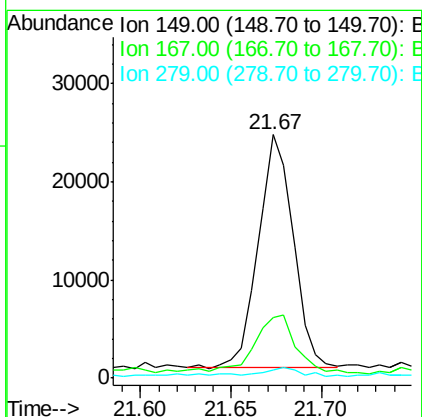
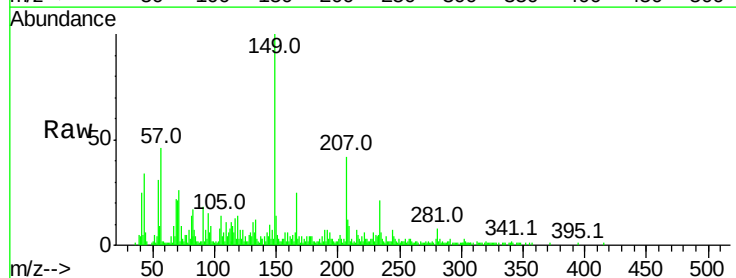
Manual Integrations
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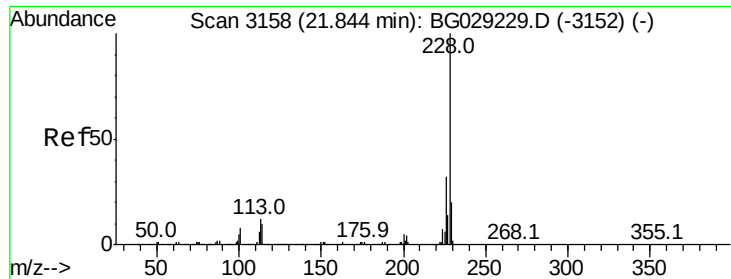
Sohil
10/16/2017 7:43:43 PM



#81
Bis(2-ethylhexyl)phthalate
Concen: 1.518 ng/ul
RT: 21.67 min Scan# 3129
Delta R.T. -0.00 min
Lab File: BG029236.D
Acq: 14 Oct 2017 23:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.9	23.2	34.8
279	3.3	3.1	4.7





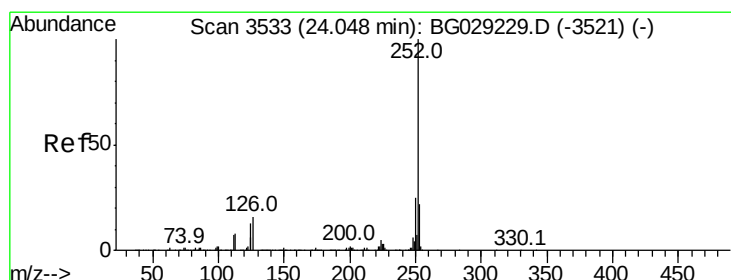
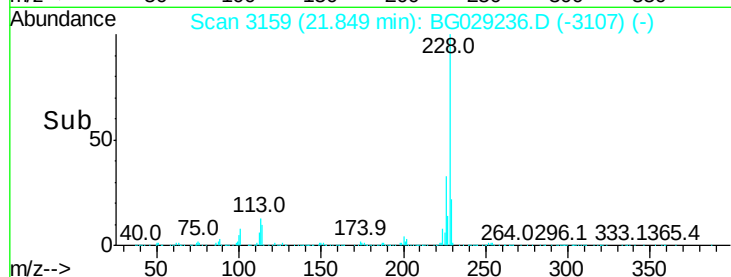
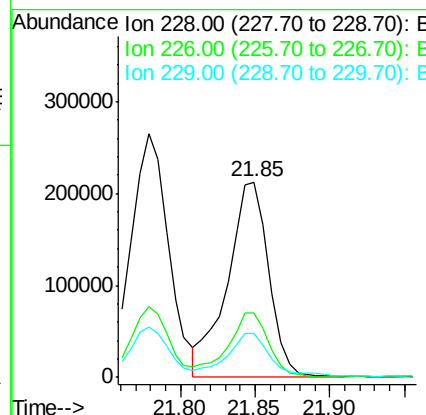
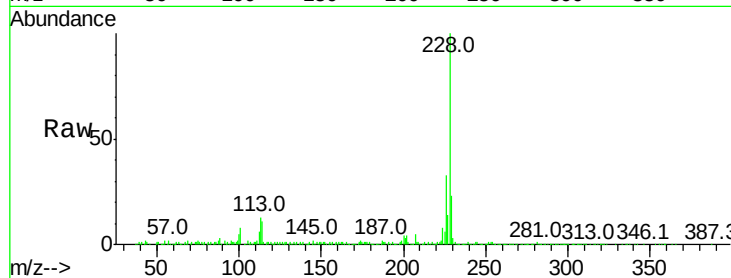
#82
Chrysene
Concen: 13.396 ng/ul
RT: 21.85 min Scan# 3159
Delta R.T. 0.00 min
Lab File: BG029236.D
Acq: 14 Oct 2017 23:34

Instrument :
BNA_G
ClientSampleId :
C0AB9

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.2	24.2	36.2
229	22.6	15.2	22.8

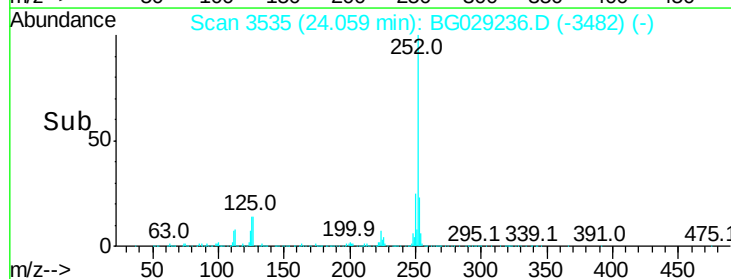
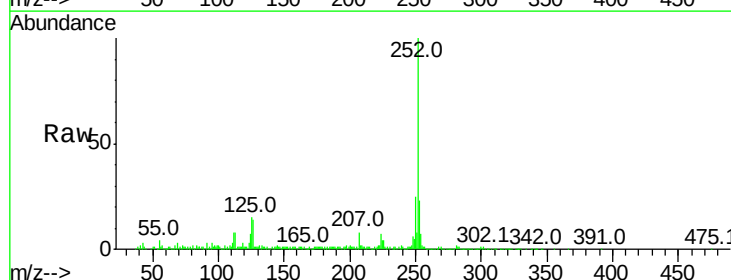
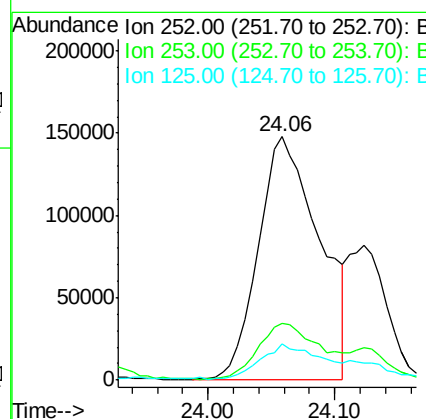
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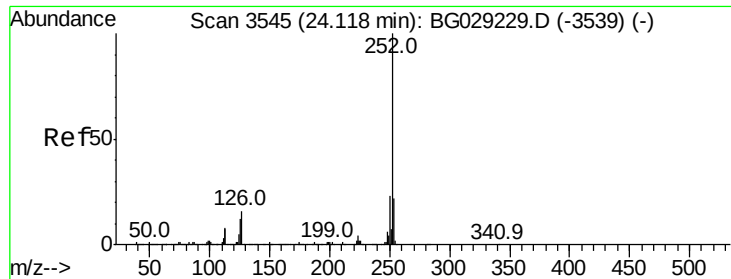
Sohil
10/16/2017 7:43:43 PM



#85
Benzo(b)fluoranthene
Concen: 15.565 ng/ul
RT: 24.06 min Scan# 3535
Delta R.T. 0.01 min
Lab File: BG029236.D
Acq: 14 Oct 2017 23:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.0	25.4
125	14.8	7.5	11.3#





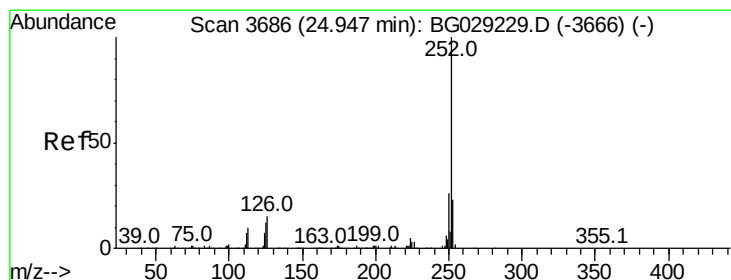
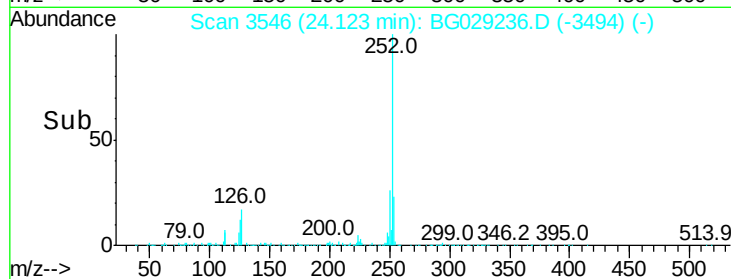
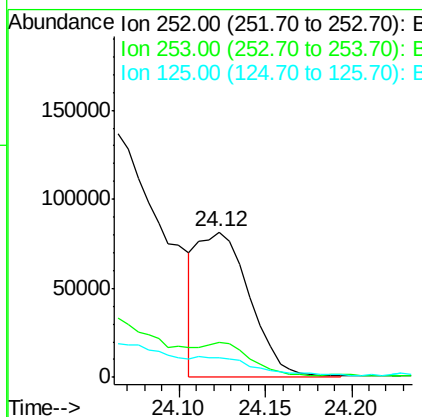
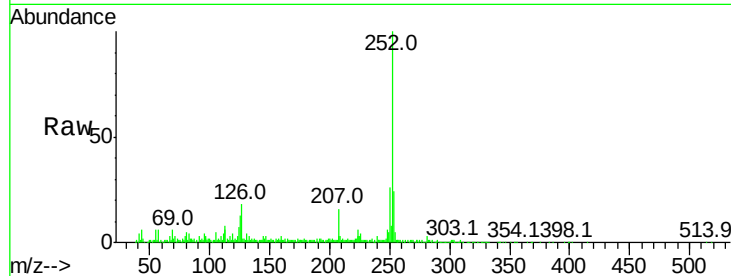
#86
Benzo(k)fluoranthene
Concen: 5.539 ng/ul m
RT: 24.12 min Scan# 3546
Delta R.T. 0.00 min
Lab File: BG029236.D
Acq: 14 Oct 2017 23:34

Instrument :
BNA_G
ClientSampleId :
C0AB9

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.2	25.8
125	13.1	7.8	11.8#

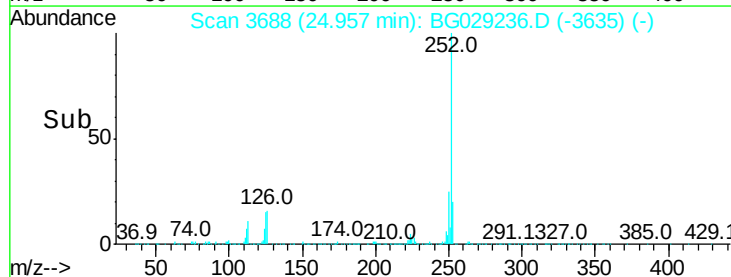
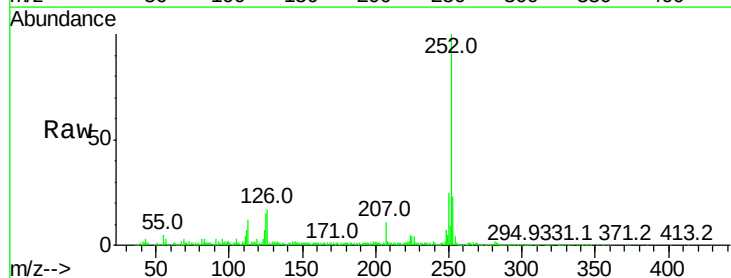
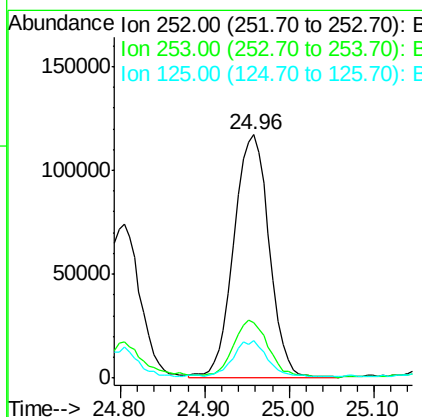
Manual Integrations
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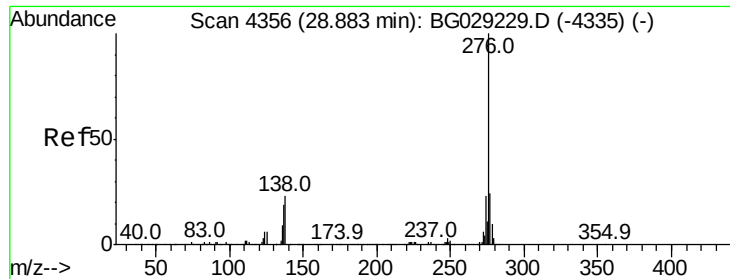
Sohil
10/16/2017 7:43:43 PM



#88
Benzo(a)pyrene
Concen: 10.903 ng/ul
RT: 24.96 min Scan# 3688
Delta R.T. 0.01 min
Lab File: BG029236.D
Acq: 14 Oct 2017 23:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	15.4	7.8	11.8#





#89

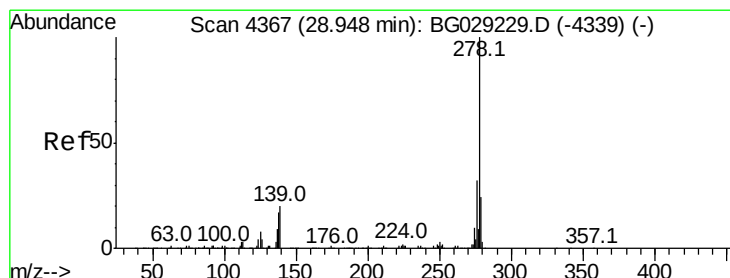
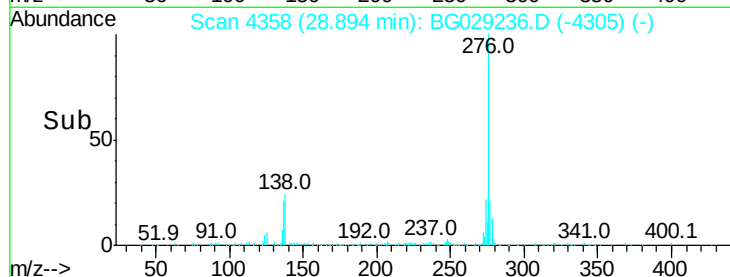
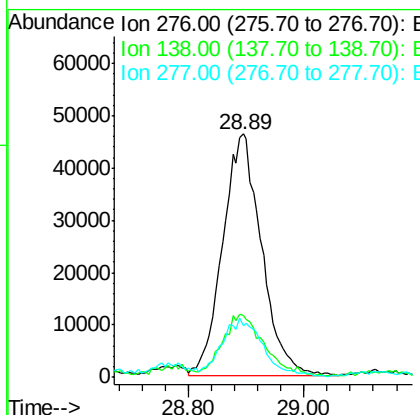
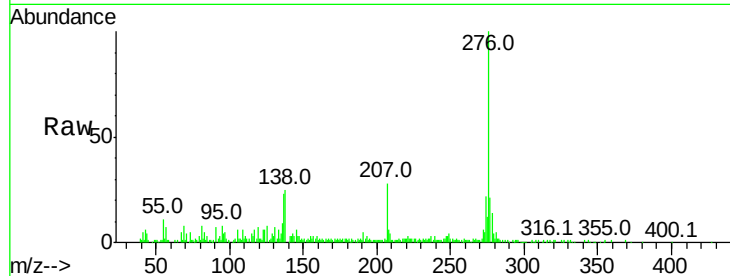
Indeno(1,2,3-cd)pyrene
Concen: 6.141 ng/ul
RT: 28.89 min Scan# 4358
Delta R.T. 0.01 min
Lab File: BG029236.D
Acq: 14 Oct 2017 23:34

Instrument :
BNA_G
ClientSampleId :
C0AB9

Tot Ion	Ratio	Lower	Upper
276	100		
138	25.4	13.4	20.0#
277	21.1	18.6	28.0

Manual Integrations
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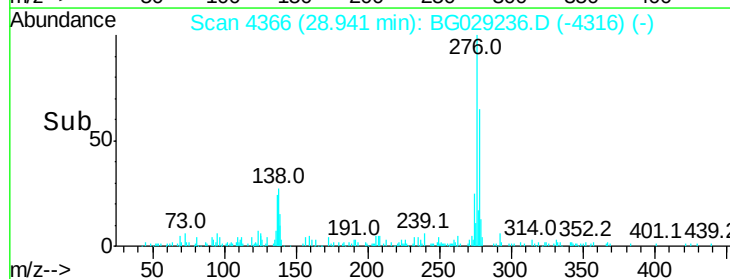
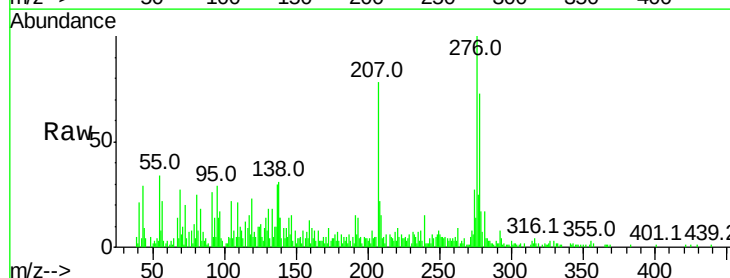
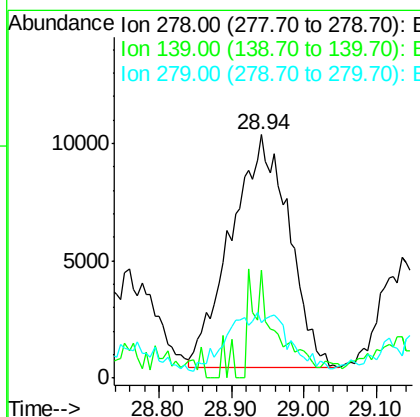
Sohil
10/16/2017 7:43:43 PM

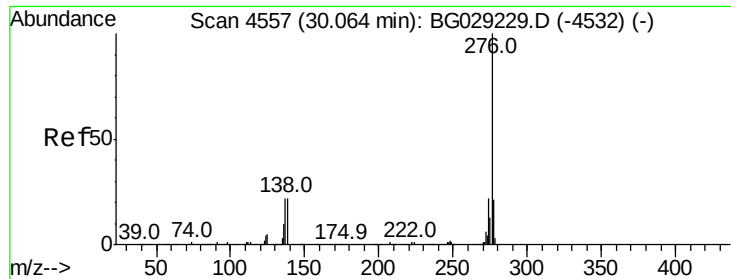


#90

Dibenzo(a,h)anthracene
Concen: 1.892 ng/ul
RT: 28.94 min Scan# 4366
Delta R.T. -0.01 min
Lab File: BG029236.D
Acq: 14 Oct 2017 23:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	44.3	9.4	14.2#
279	22.9	18.4	27.6





#91

Benzo(a,h,i)perylene

Concen: 5.482 ng/ul

RT: 30.07 min Scan# 4559

Delta R.T. 0.01 min

Lab File: BG029236.D

Acq: 14 Oct 2017 23:34

Instrument :

BNA_G

ClientSampleId :

C0AB9

Tot Ion:	276	Resp:	158453
Ion Ratio	Lower	Upper	
276	100		
138	26.4	12.1	18.1#
277	22.7	17.7	26.5

Manual Integrations
APPROVED

Sohil
10/16/2017 7:43:43 PM

