

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021869.D
 Acq On : 12 May 2016 15:13
 Operator : UM/SJ
 Sample : H2936-10 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WJ9

Manual Integrations
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Quant Time: May 13 05:44:14 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	61633	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	319665	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	197138	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	406298	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	421639	20.00	ng/ul	0.01
84) Perylene-d12	25.18	264	490995m	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	3066	2.40	ng/uL	0.01
5) Phenol-d5	7.32	99	68809	15.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	30397	13.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	65844	18.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	63923m	16.64	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	29890	14.22	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	40214	30.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	70551	18.80	ng/ul	0.00
29) 4-Chloroaniline-d4	11.13	131	54896m	13.58	ng/ul	0.00
44) Dimethylphthalate-d6	14.20	166	209336	15.12	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	282912	14.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	33086m	13.94	ng/ul	0.00
58) Fluorene-d10	15.79	176	189658	13.01	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	5720m	5.08	ng/ul	0.00
71) Anthracene-d10	17.64	188	269203	13.61	ng/ul	0.00
77) Pyrene-d10	19.91	212	283976	14.39	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.96	264	278851m	11.95	ng/ul	0.02

Target Compounds

						Qvalue
45) Dimethylphthalate	14.24	163	35289	2.50	ng/ul#	97
50) Acenaphthene	14.86	153	32359	2.31	ng/ul	94
70) Phenanthrene	17.58	178	362260	16.31	ng/ul	97
72) Anthracene	17.67	178	70521	3.13	ng/ul	98
73) Carbazole	17.94	167	94341m	4.82	ng/ul	
75) Fluoranthene	19.58	202	1274894	50.52	ng/ul#	90
78) Pyrene	19.95	202	1313253	53.83	ng/ul#	90
81) Benzo(a)anthracene	21.81	228	1397832	59.57	ng/ul	91
82) Bis(2-ethylhexyl)phthalate	21.69	149	41370	4.70	ng/ul#	94
83) Chrysene	21.88	228	1572691m	67.76	ng/ul	
86) Benzo(b)fluoranthene	24.14	252	3638982m	129.48	ng/ul	
87) Benzo(k)fluoranthene	24.19	252	1144948m	38.05	ng/ul	
89) Benzo(a)pyrene	25.05	252	2648505m	94.67	ng/ul	
90) Indeno(1,2,3-cd)pyrene	29.07	276	2597477m	78.34	ng/ul	
91) Dibenzo(a,h)anthracene	29.10	278	693183m	25.12	ng/ul	
92) Benzo(g,h,i)perylene	30.28	276	2228165m	81.42	ng/ul	

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

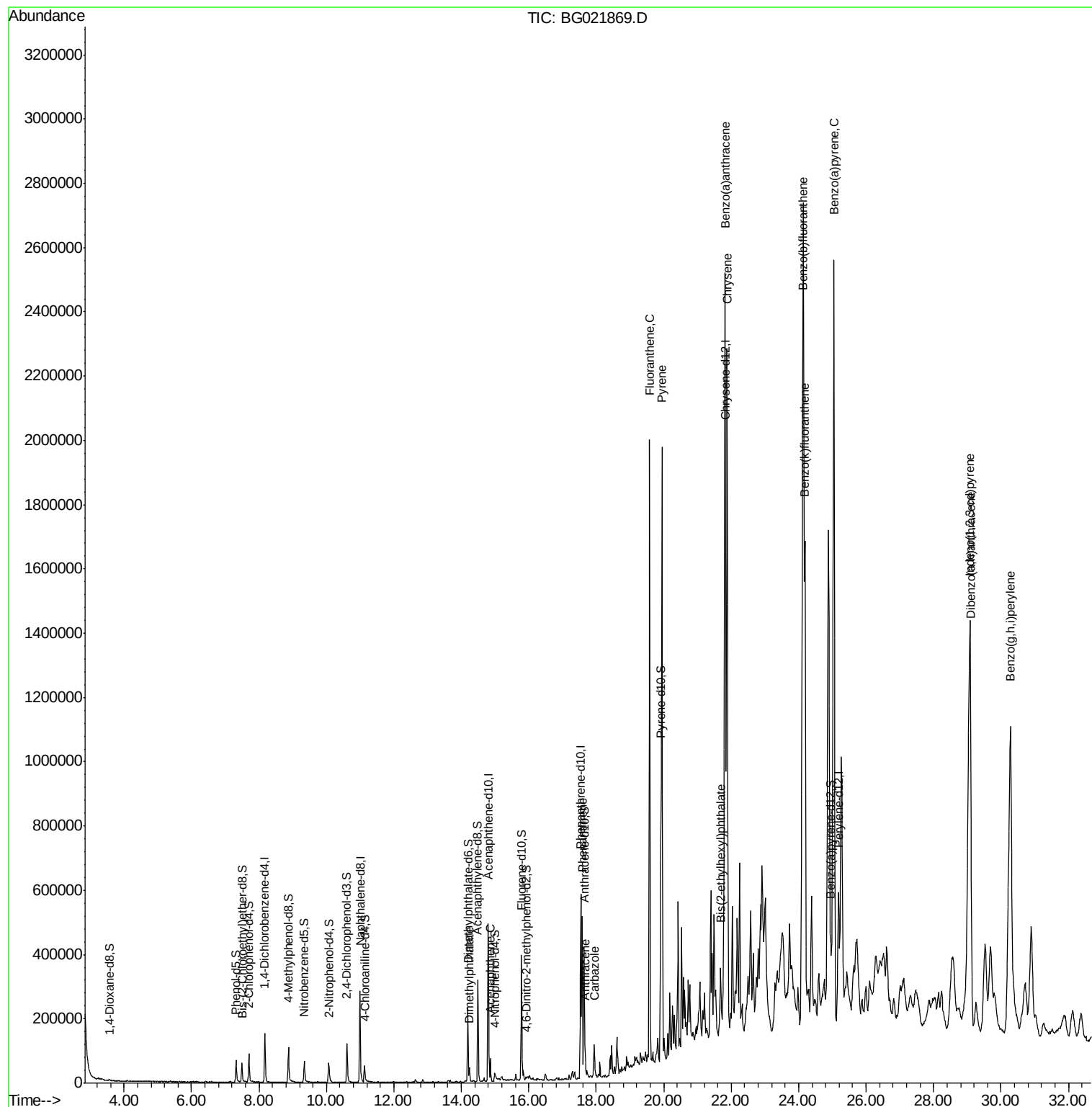
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021869.D
Acq On : 12 May 2016 15:13
Operator : UM/SJ
Sample : H2936-10 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

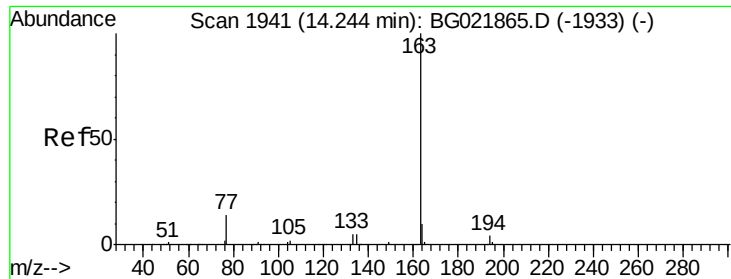
Instrument :
BNA_G
ClientSampleId :
D9WJ9

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Quant Time: May 13 05:44:14 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





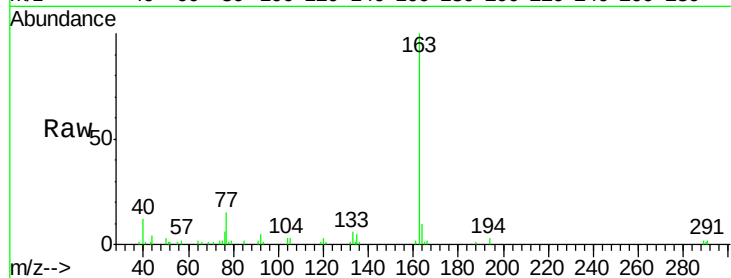
#45
Dimethylphthalate
Concen: 2.50 ng/ul
RT: 14.24 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG021869.D
Acq: 12 May 2016 15:13

Instrument :
BNA_G
ClientSampleId :
D9WJ9

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.2	3.9	5.9#
164	10.1	8.7	13.1

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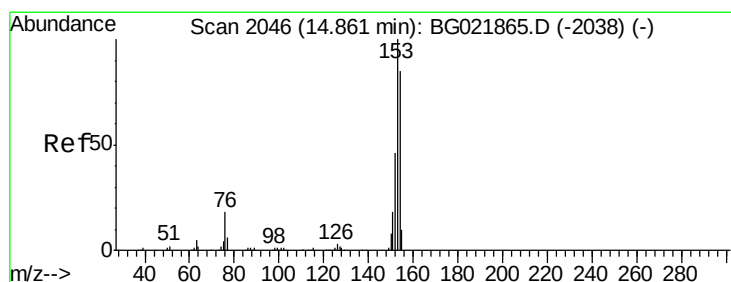
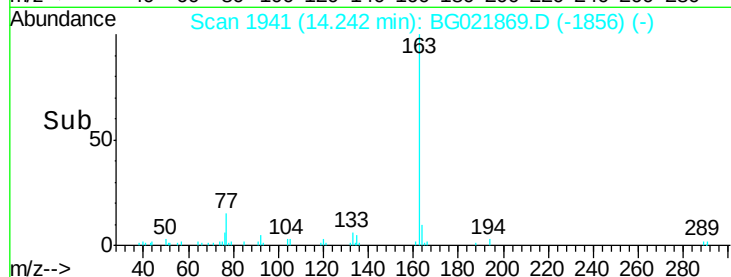
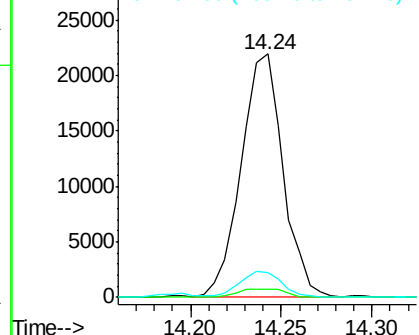


Abundance

Ion 163.00 (162.70 to 163.70): E

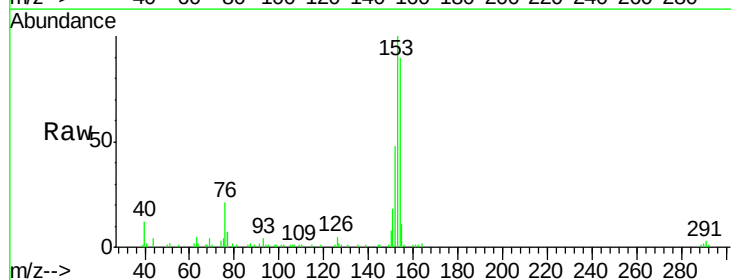
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50
Acenaphthene
Concen: 2.31 ng/ul
RT: 14.86 min Scan# 2046
Delta R.T. -0.00 min
Lab File: BG021869.D
Acq: 12 May 2016 15:13

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.9	36.5	54.7
154	90.3	67.3	100.9

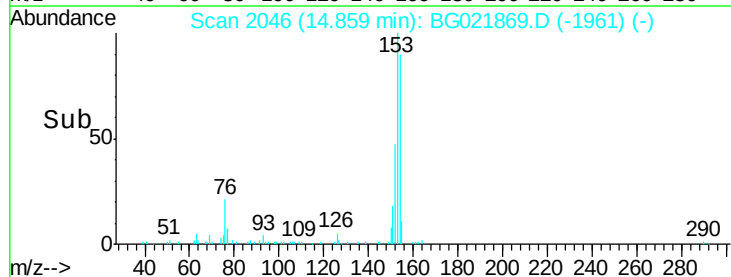
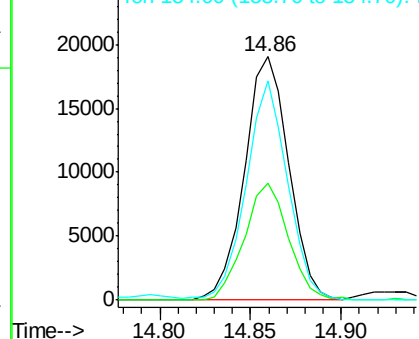


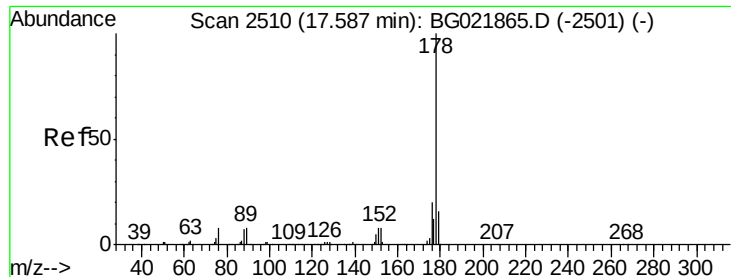
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





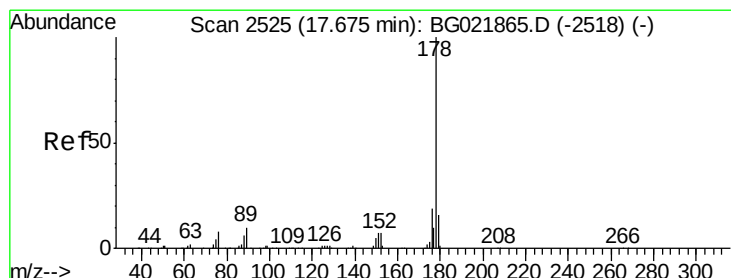
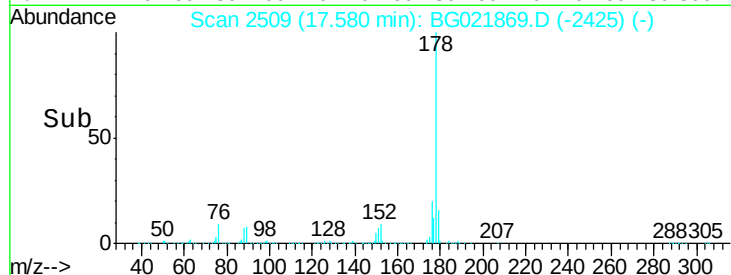
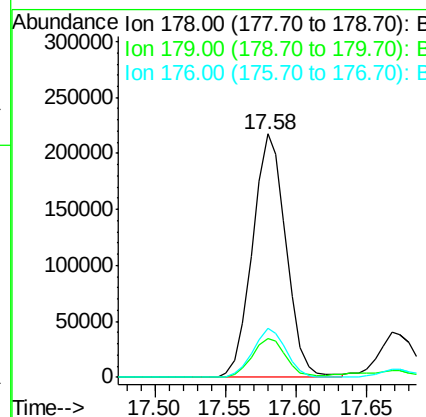
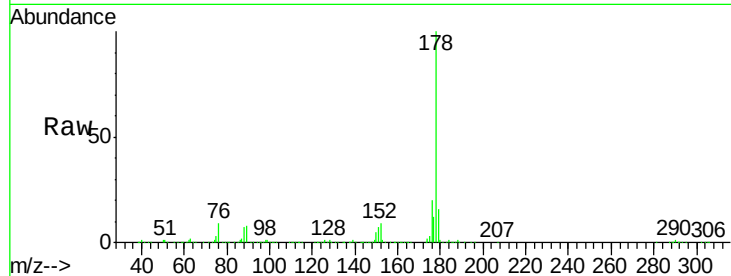
#70
Phenanthrene
Concen: 16.31 ng/ul
RT: 17.58 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BG021869.D
Acq: 12 May 2016 15:13

Instrument :
BNA_G
ClientSampleId :
D9WJ9

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	16.0	11.8	17.8
176	20.1	14.8	22.2

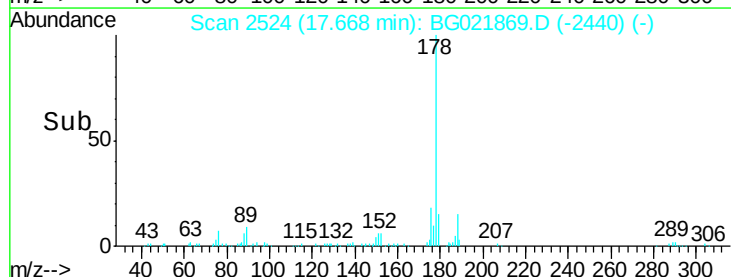
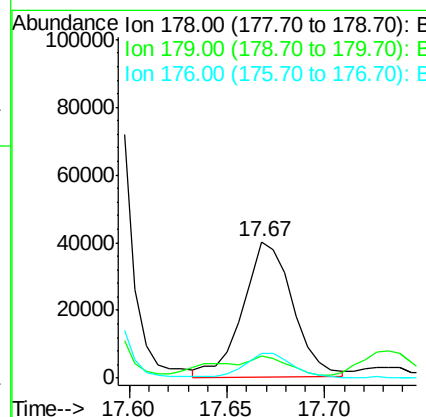
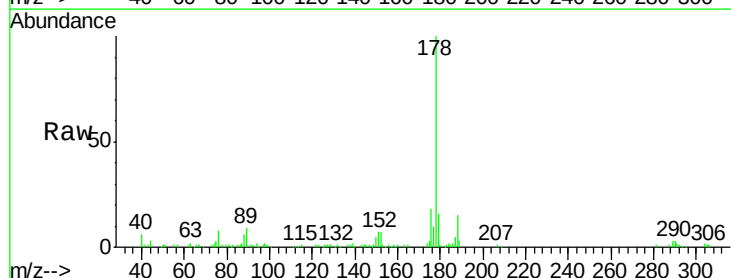
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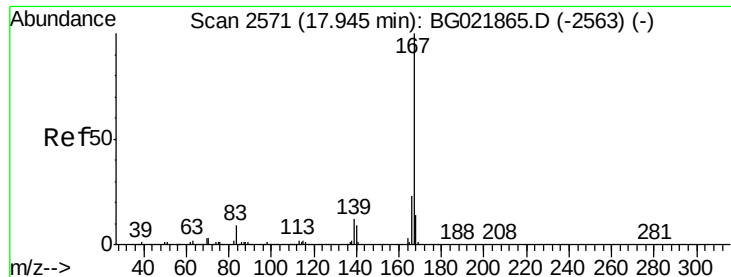
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#72
Anthracene
Concen: 3.13 ng/ul
RT: 17.67 min Scan# 2524
Delta R.T. -0.01 min
Lab File: BG021869.D
Acq: 12 May 2016 15:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
179	15.9	12.9	19.3
176	18.1	15.6	23.4





#73

Carbazole

Concen: 4.82 ng/ul m

RT: 17.94 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BG021869.D

Acq: 12 May 2016 15:13

Instrument :

BNA_G

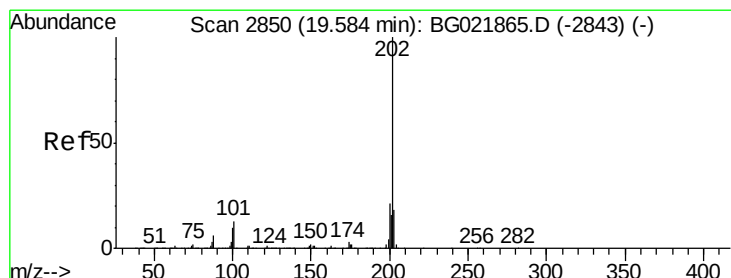
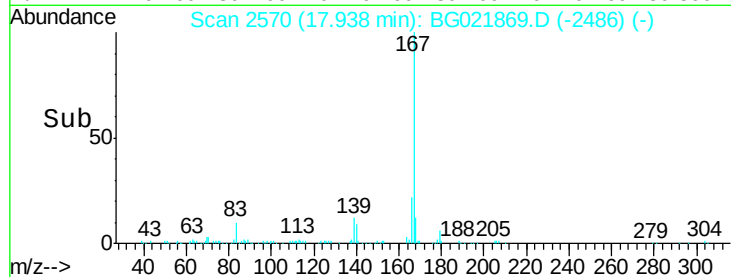
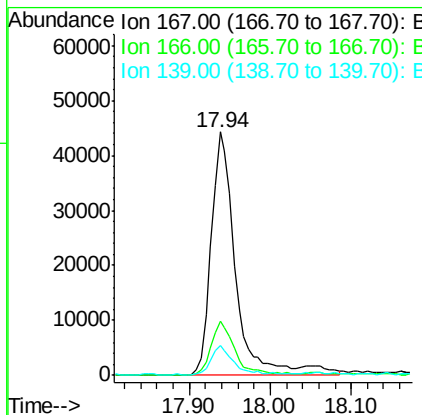
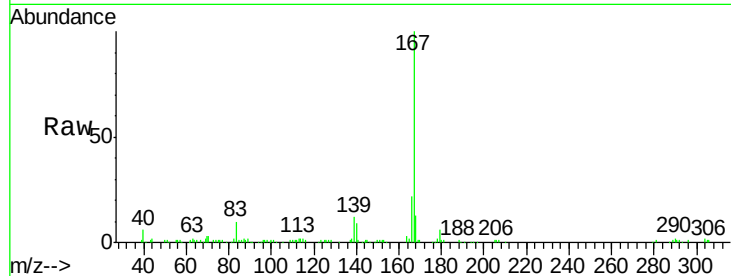
ClientSampleId :

D9WJ9

Tgt Ion:	167	Resp:	94341
Ion Ratio	Lower	Upper	
167	100		
166	22.2	19.0	28.4
139	12.4	12.2	18.4

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#75

Fluoranthene

Concen: 50.52 ng/ul

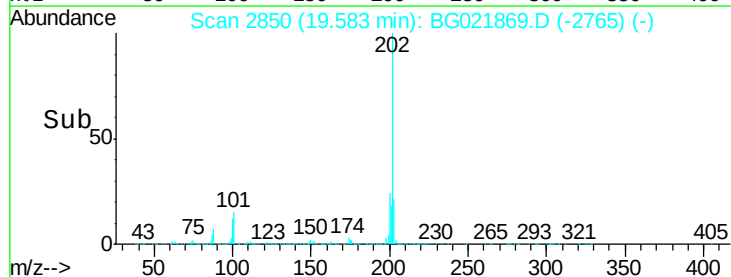
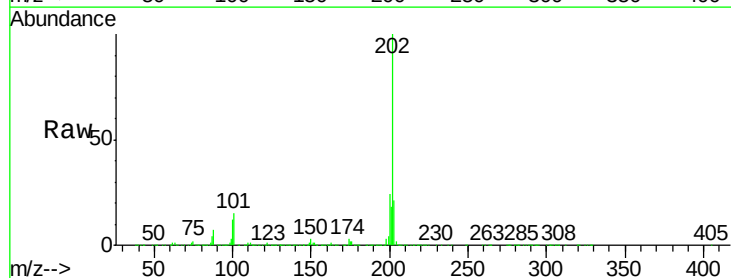
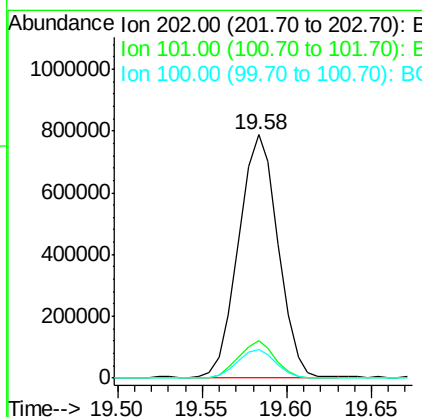
RT: 19.58 min Scan# 2850

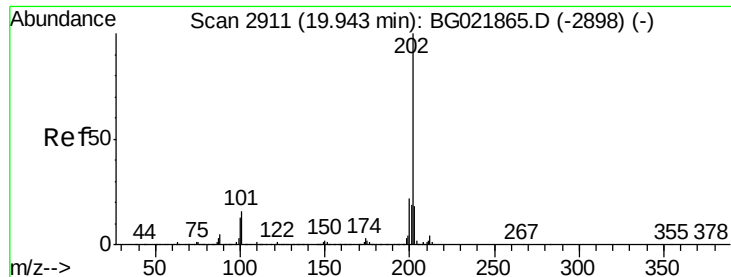
Delta R.T. -0.00 min

Lab File: BG021869.D

Acq: 12 May 2016 15:13

Tgt Ion:	202	Resp:	1274894
Ion Ratio	Lower	Upper	
202	100		
101	15.2	8.9	13.3#
100	11.7	7.0	10.4#





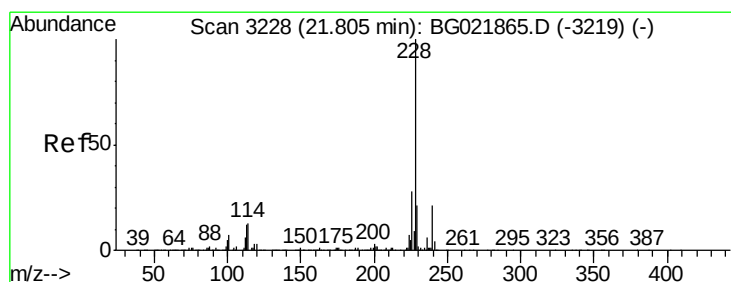
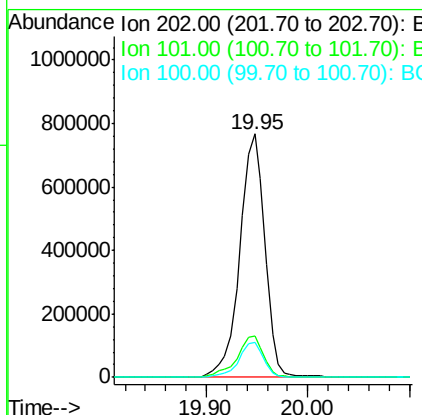
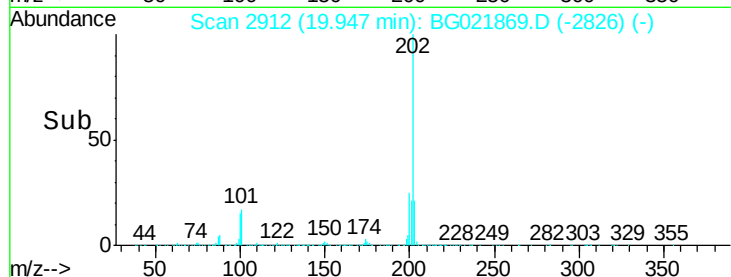
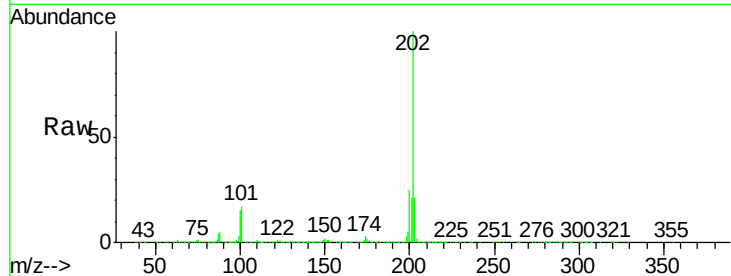
#78
 Pyrene
 Concen: 53.83 ng/ul
 RT: 19.95 min Scan# 2912
 Delta R.T. 0.00 min
 Lab File: BG021869.D
 Acq: 12 May 2016 15:13

Instrument :
 BNA_G
 ClientSampleId :
 D9WJ9

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.9	9.8	14.8#
100	14.6	9.3	13.9#

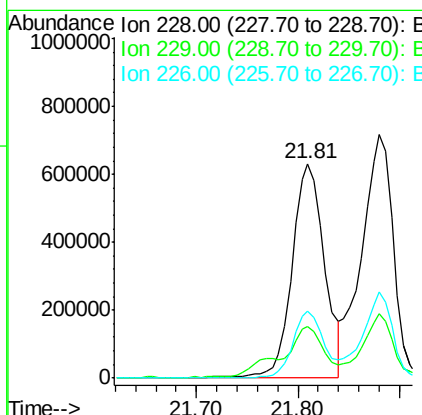
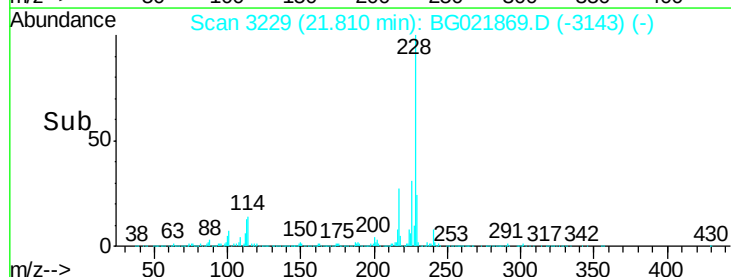
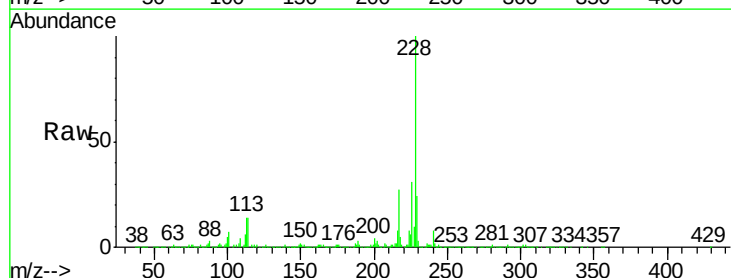
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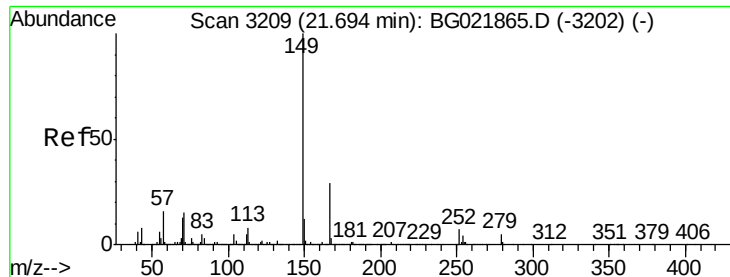
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#81
 Benzo(a)anthracene
 Concen: 59.57 ng/ul
 RT: 21.81 min Scan# 3229
 Delta R.T. 0.00 min
 Lab File: BG021869.D
 Acq: 12 May 2016 15:13

Tgt Ion	Ratio	Lower	Upper
228	100		
229	24.0	16.6	25.0
226	31.2	21.0	31.4





#82

Bis(2-ethylhexyl)phthalate

Concen: 4.70 ng/ul

RT: 21.69 min Scan# 3209

Delta R.T. -0.00 min

Lab File: BG021869.D

Acq: 12 May 2016 15:13

Instrument :

BNA_G

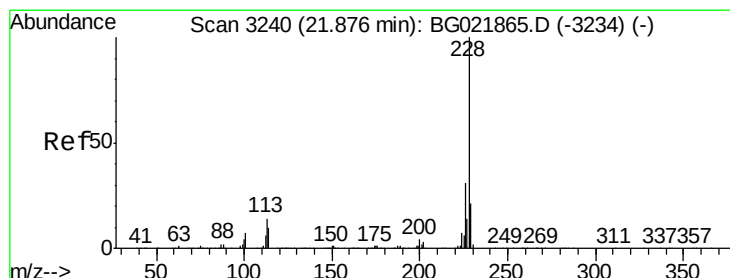
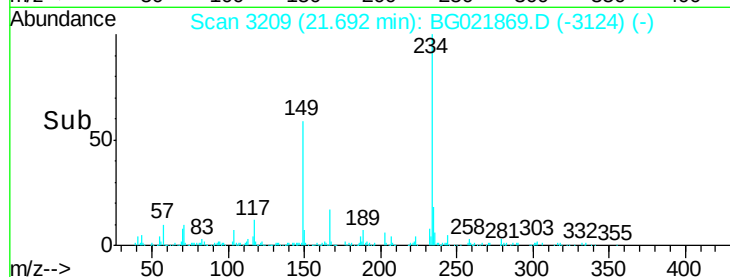
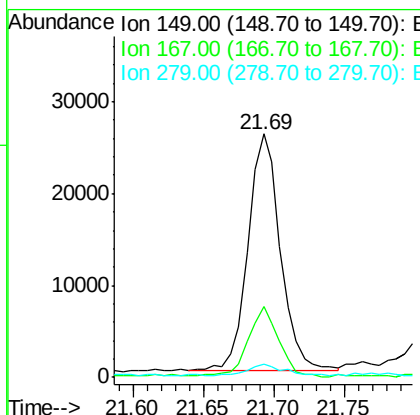
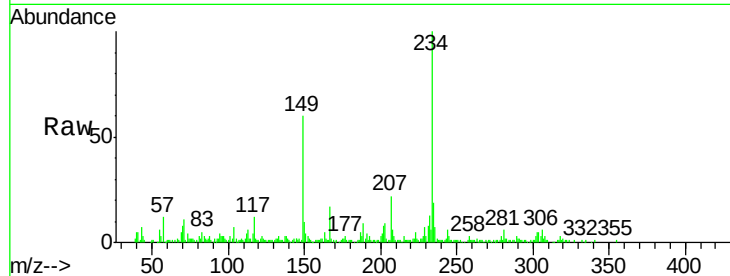
ClientSampleId :

D9WJ9

Tgt Ion:	149	Resp:	41370
Ion Ratio	Lower	Upper	
149	100		
167	29.0	20.5	30.7
279	5.6	3.7	5.5#

Manual Integrations
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#83

Chrysene

Concen: 67.76 ng/ul m

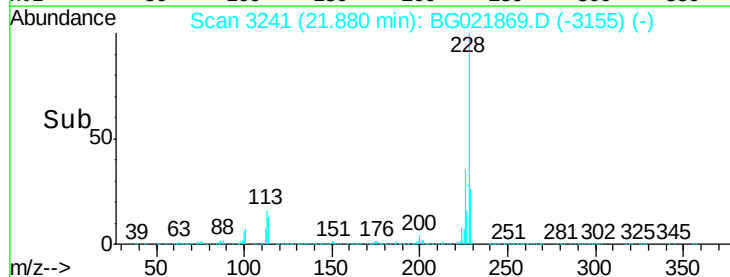
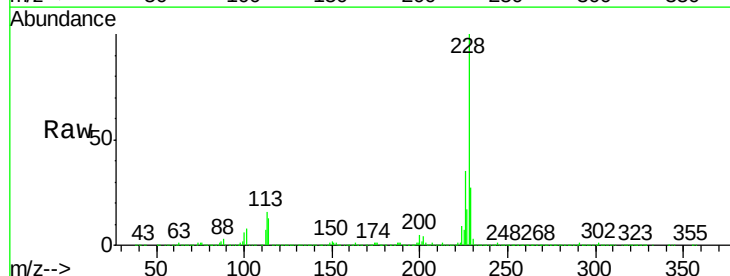
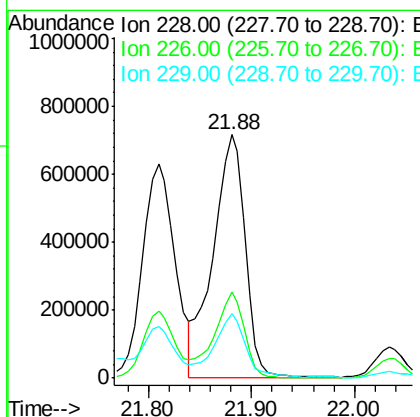
RT: 21.88 min Scan# 3241

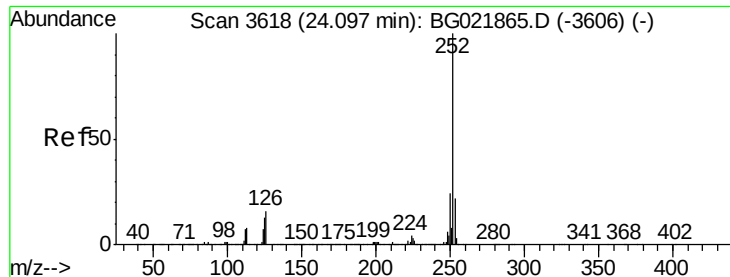
Delta R.T. 0.00 min

Lab File: BG021869.D

Acq: 12 May 2016 15:13

Tgt Ion:	228	Resp:	1572691
Ion Ratio	Lower	Upper	
228	100		
226	35.3	23.4	35.2#
229	26.6	16.2	24.2#





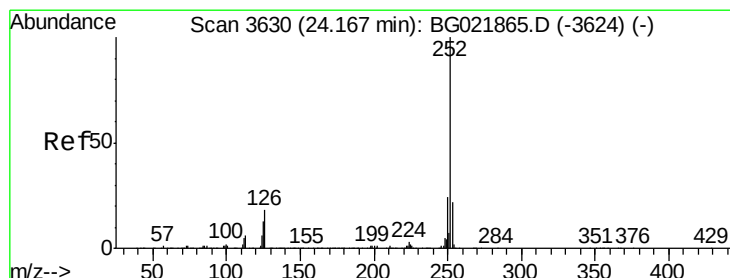
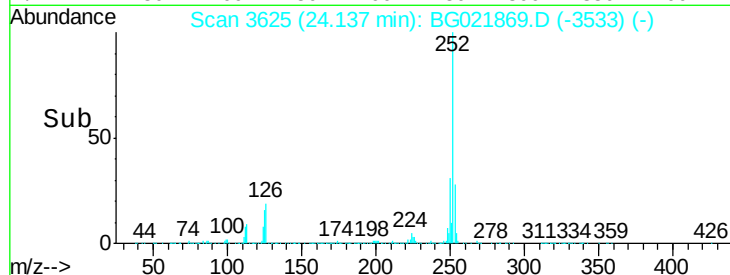
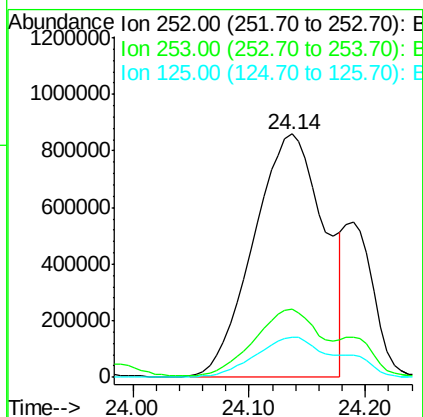
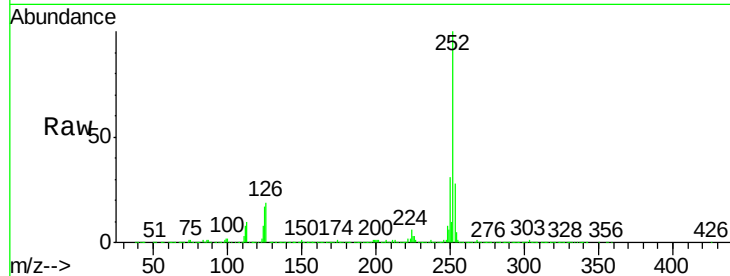
#86
Benzo(b)fluoranthene
Concen: 129.48 ng/ul m
RT: 24.14 min Scan# 3625
Delta R.T. 0.04 min
Lab File: BG021869.D
Acq: 12 May 2016 15:13

Instrument :
BNA_G
ClientSampleId :
D9WJ9

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.1	18.1	27.1#
125	16.7	7.6	11.4#

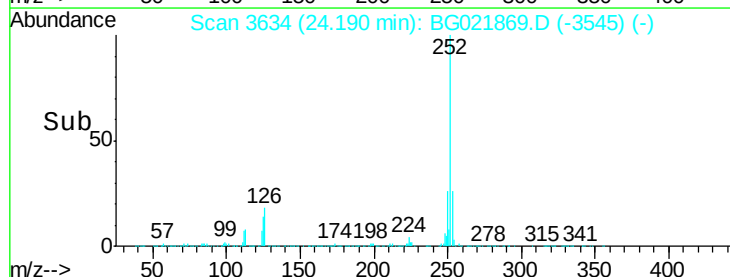
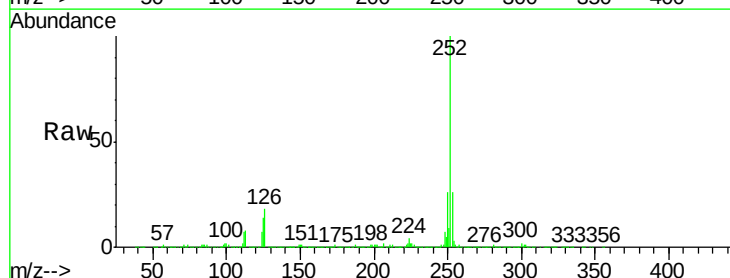
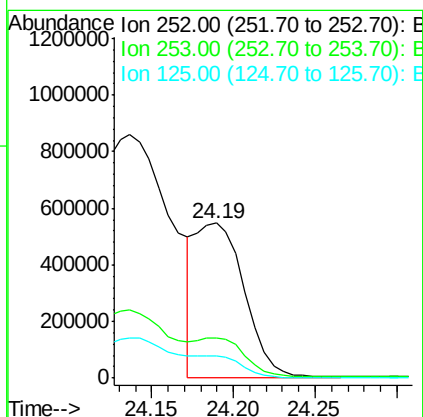
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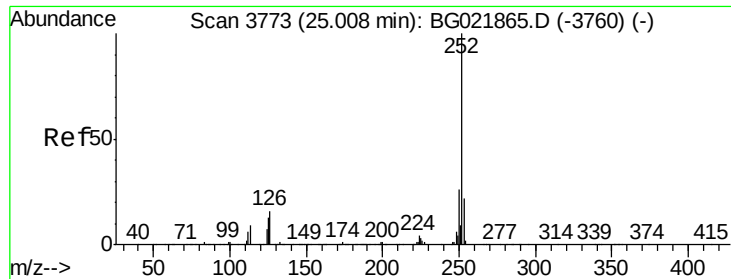
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#87
Benzo(k)fluoranthene
Concen: 38.05 ng/ul m
RT: 24.19 min Scan# 3634
Delta R.T. 0.02 min
Lab File: BG021869.D
Acq: 12 May 2016 15:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.8	26.8
125	14.0	7.7	11.5#





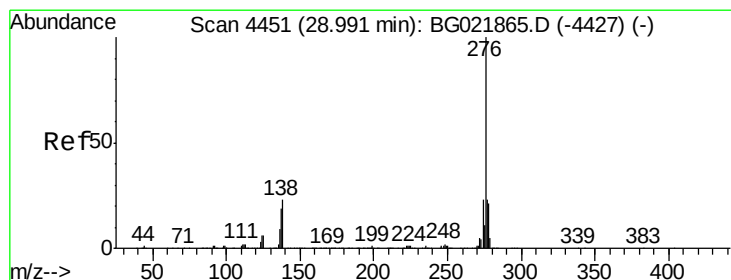
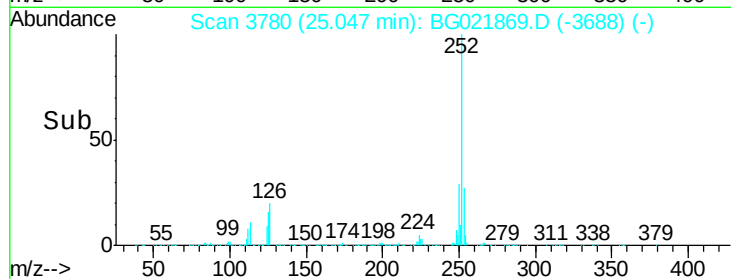
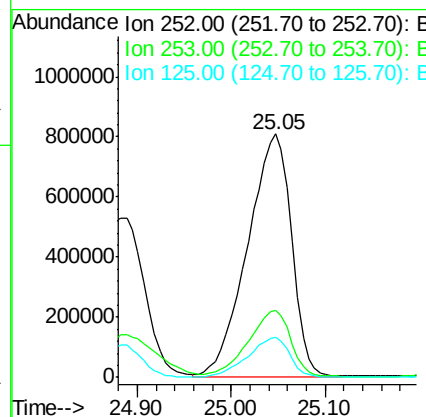
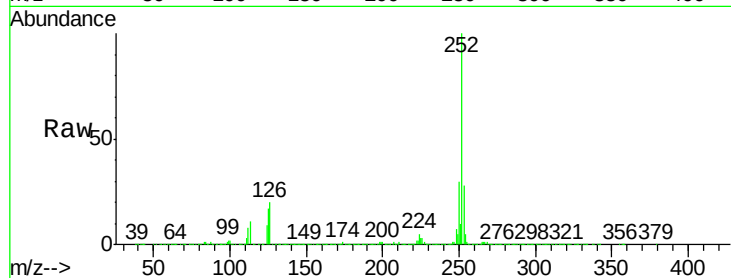
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Benzo(a)pyrene
Concen: 94.67 ng/ul m
RT: 25.05 min Scan# 3780
Delta R.T. 0.04 min
Lab File: BG021869.D
Acq: 12 May 2016 15:13

Instrument :
BNA_G
ClientSampleId :
D9WJ9

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.6	17.4	26.0#
125	16.5	8.2	12.2#

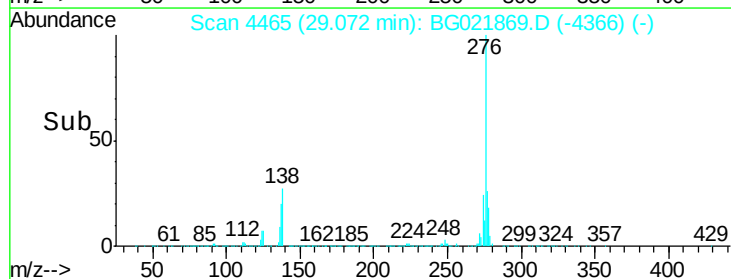
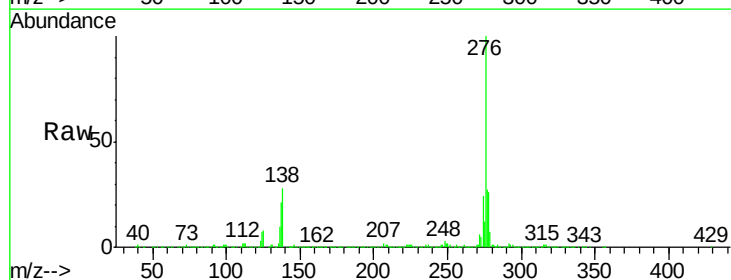
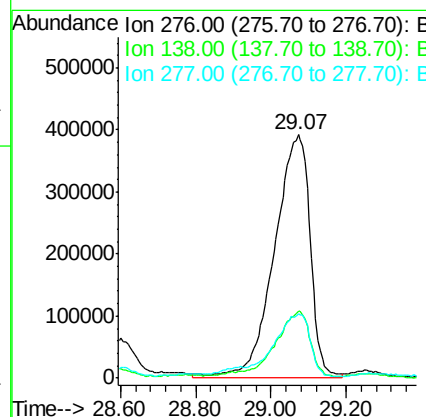
Manual Integrations
APPROVED

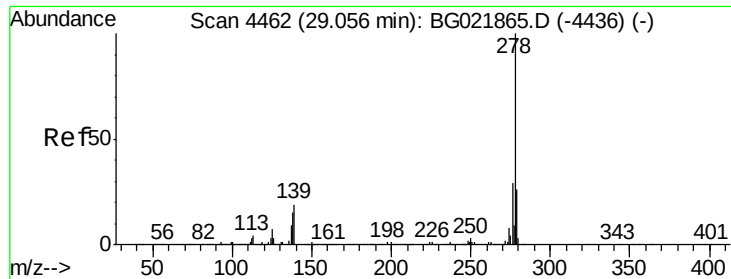
sohil
5/13/2016 8:11:17 PM



#90
Indeno(1,2,3-cd)pyrene
Concen: 78.34 ng/ul m
RT: 29.07 min Scan# 4465
Delta R.T. 0.08 min
Lab File: BG021869.D
Acq: 12 May 2016 15:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.6	15.8	23.6#
277	26.6	19.0	28.6





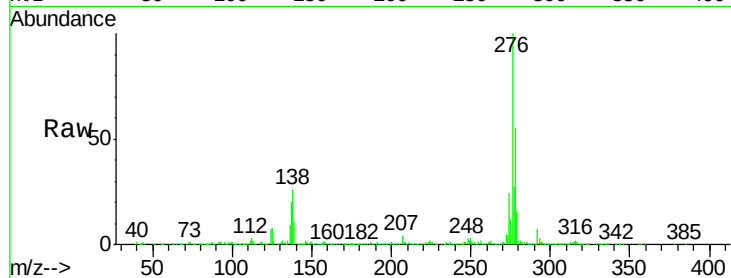
#91
Dibenzo(a,h)anthracene
Concen: 25.12 ng/ul m
RT: 29.10 min Scan# 4470
Delta R.T. 0.05 min
Lab File: BG021869.D
Acq: 12 May 2016 15:13

Instrument :
BNA_G
ClientSampleId :
D9WJ9

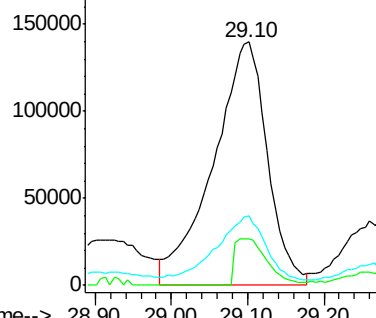
Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.2	12.1	18.1#
279	28.7	19.8	29.8

Manual Integrations
APPROVED

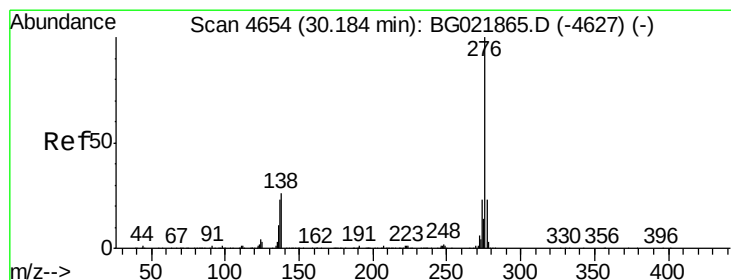
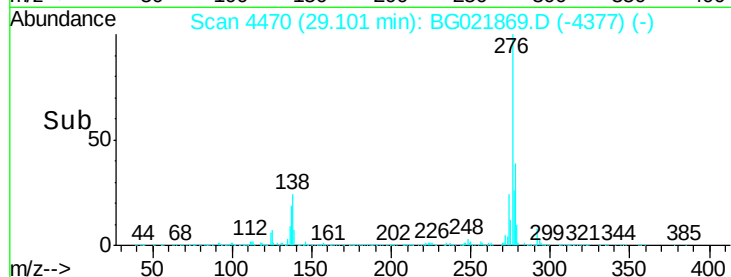
sohil
5/13/2016 8:11:17 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



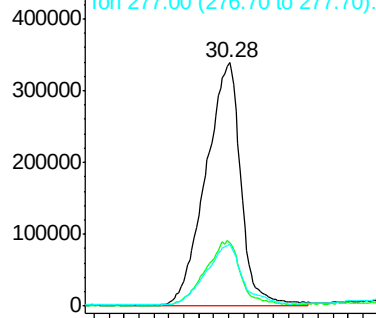
Time-->



#92
Benzo(g,h,i)perylene
Concen: 81.42 ng/ul m
RT: 30.28 min Scan# 4671
Delta R.T. 0.10 min
Lab File: BG021869.D
Acq: 12 May 2016 15:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.0	13.9	20.9#
277	25.3	19.8	29.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->

