

Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
 Data File : BG021416.D
 Acq On : 10 Mar 2016 20:15
 Operator : UM/SJ
 Sample : H1616-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P010-SS003-01

Manual Integrations
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 3/11/2016 5:27:52 PM

Quant Time: Mar 11 11:52:18 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 11 00:30:31 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	12337	20.00	ng/ul	0.00
18) Naphthalene-d8	10.93	136	68640	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	42329	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	88181	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	95816	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	90779	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	958	3.64	ng/uL	0.00
5) Phenol-d5	7.31	99	28253	20.23	ng/ul	0.05
7) Bis-(2-Chloroethyl)ether-d	7.44	67	18653	20.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.67	132	20557	21.56	ng/ul	0.02
13) 4-Methylphenol-d8	8.85	113	12412	11.00	ng/ul	0.03
19) Nitrobenzene-d5	9.29	128	11774	21.29	ng/ul	0.00
22) 2-Nitrophenol-d4	10.01	143	12835	21.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.58	165	21832	19.78	ng/ul	0.04
29) 4-Chloroaniline-d4	11.07	131	17370	12.00	ng/ul	0.01
44) Dimethylphthalate-d6	14.13	166	79652	21.74	ng/ul	0.00
47) Acenaphthylene-d8	14.43	160	97748	21.90	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	10105	14.59	ng/ul	0.09
58) Fluorene-d10	15.72	176	68219	21.19	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	10619	18.00	ng/ul	0.00
71) Anthracene-d10	17.57	188	95485	21.69	ng/ul	0.00
79) Pyrene-d10	19.85	212	108976	22.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	109313	22.52	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.98	128	5137	1.33	ng/ul	99
45) Dimethylphthalate	14.18	163	33787	8.63	ng/ul	99
70) Phenanthrene	17.51	178	37448	7.14	ng/ul	96
72) Anthracene	17.60	178	7828	1.47	ng/ul	97
77) Fluoranthene	19.51	202	70953	11.71	ng/ul	98
80) Pyrene	19.88	202	63297	9.87	ng/ul	98
83) Benzo(a)anthracene	21.72	228	34210	5.47	ng/ul	96
85) Chrysene	21.78	228	31351	5.41	ng/ul	96
88) Benzo(b)fluoranthene	23.97	252	42706	6.88	ng/ul#	88
89) Benzo(k)fluoranthene	24.02	252	14995m	2.48	ng/ul	
91) Benzo(a)pyrene	24.85	252	31193	5.12	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	28.73	276	21668	3.23	ng/ul	97
94) Benzo(g,h,i)perylene	29.88	276	16922m	3.06	ng/ul	

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

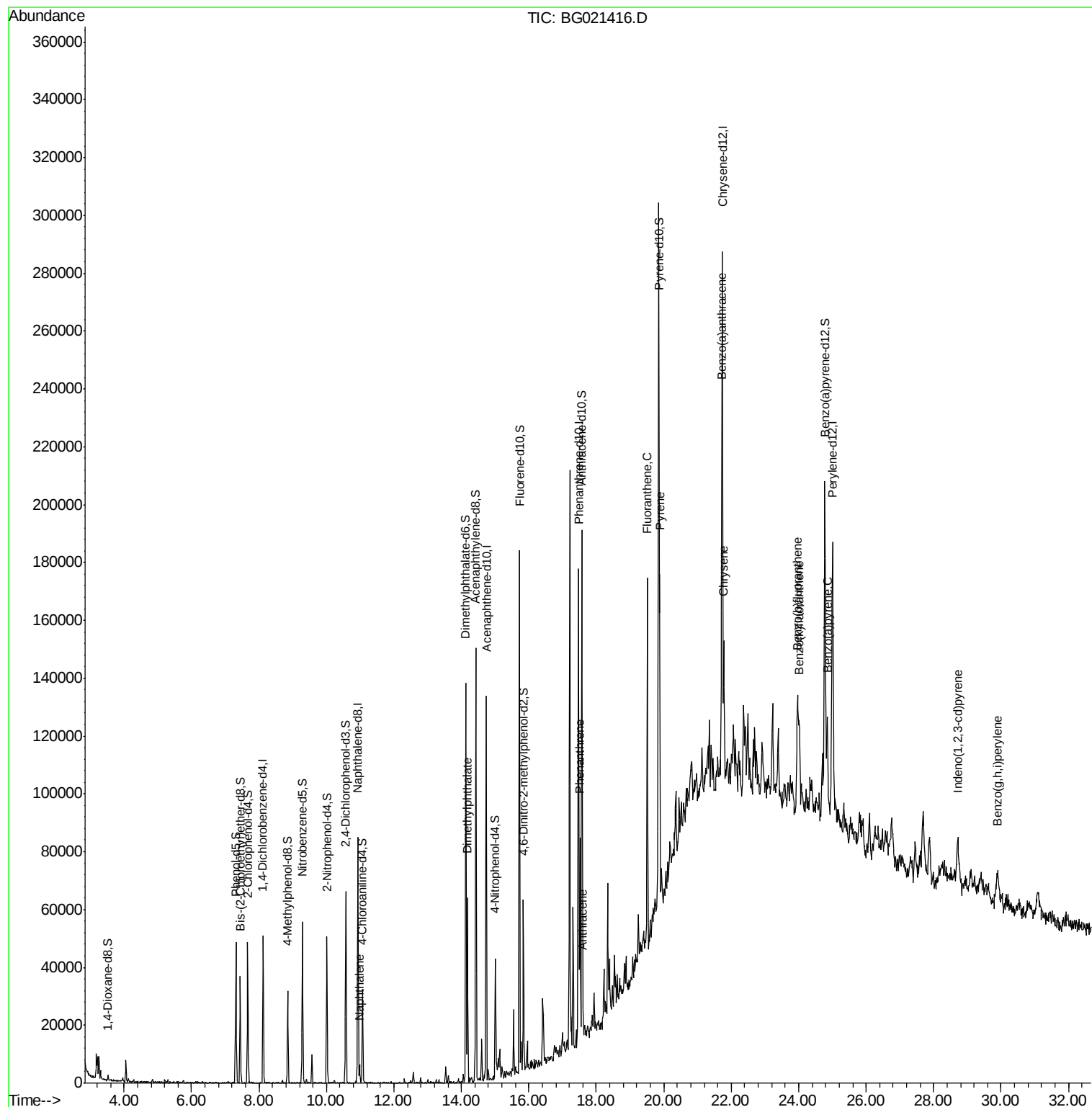
Data Path : S:\HPCHEM1\BNA_G\DATA\BG031016\
Data File : BG021416.D
Acq On : 10 Mar 2016 20:15
Operator : UM/SJ
Sample : H1616-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

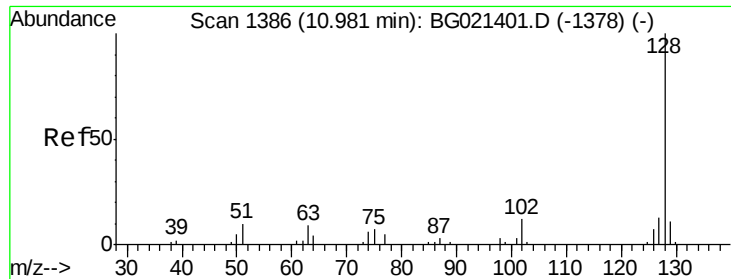
Instrument :
BNA_G
ClientSampleId :
P010-SS003-01

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Quant Time: Mar 11 11:52:18 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031016.M
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Response via : Initial Calibration





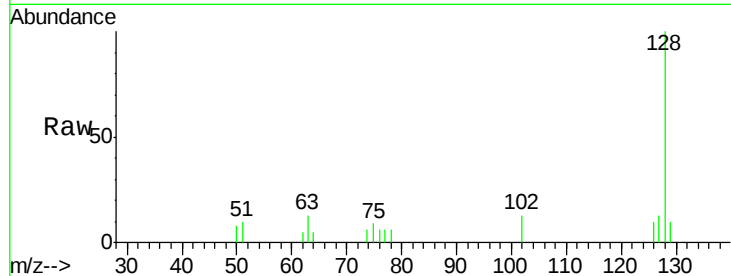
#28
Naphthalene
Concen: 1.33 ng/ul
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG021416.D
Acq: 10 Mar 2016 20:15

Instrument :
BNA_G
ClientSampleId :
P010-SS003-01

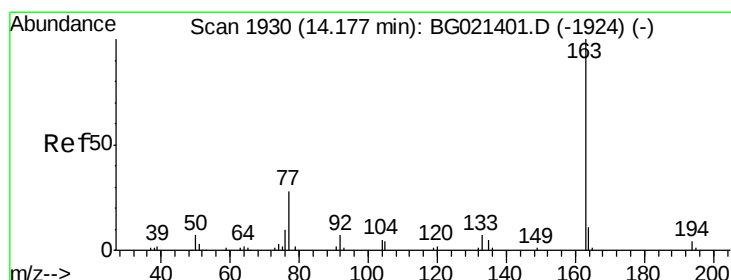
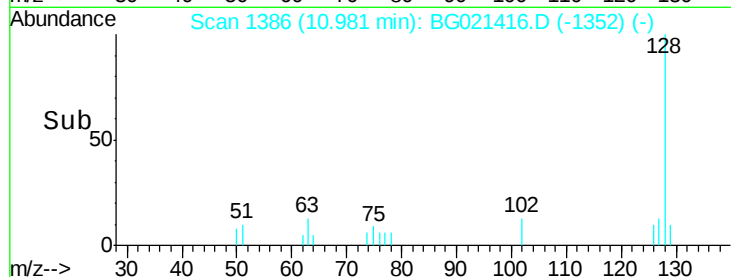
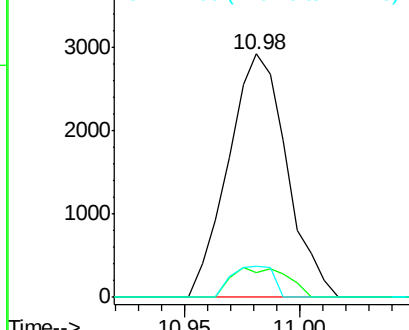
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.3	12.5
127	12.8	10.8	16.2

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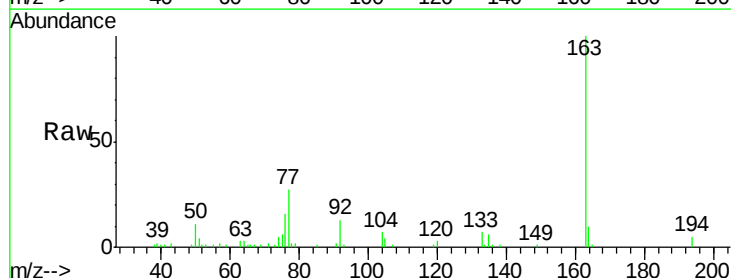


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Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

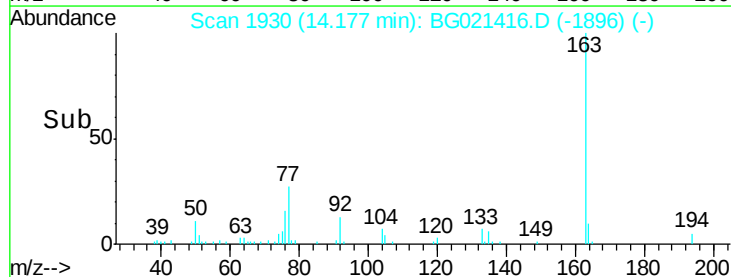
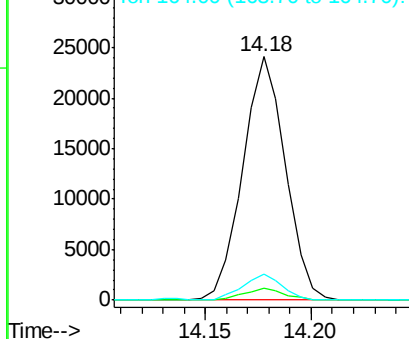


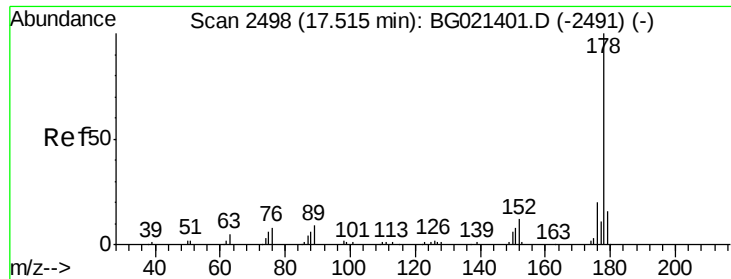
#45
Dimethylphthalate
Concen: 8.63 ng/ul
RT: 14.18 min Scan# 1930
Delta R.T. 0.00 min
Lab File: BG021416.D
Acq: 10 Mar 2016 20:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.9	5.9
164	10.4	8.7	13.1



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





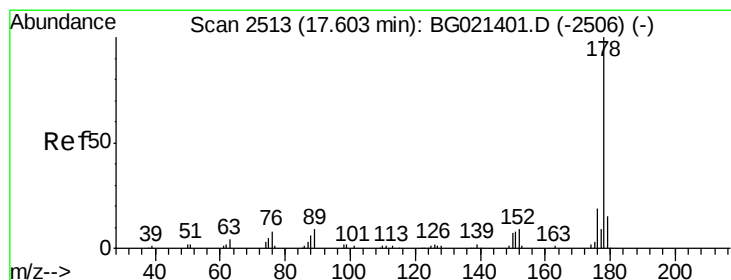
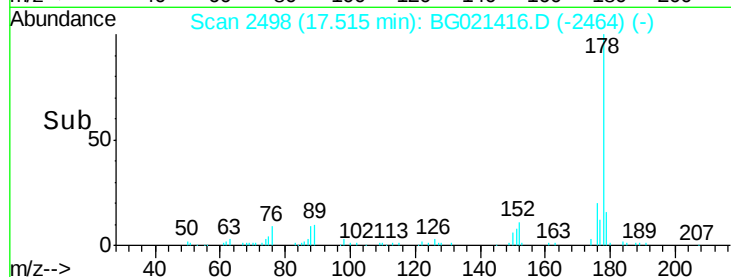
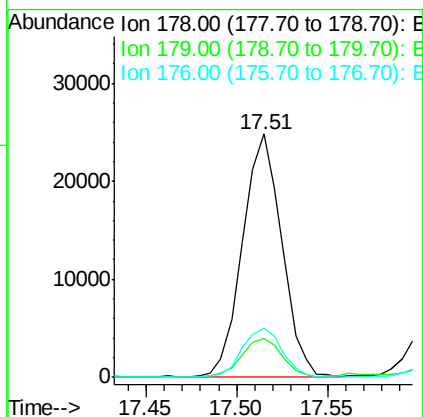
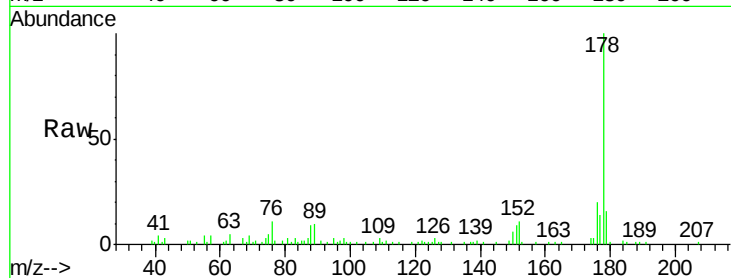
#70
Phenanthrene
Concen: 7.14 ng/ul
RT: 17.51 min Scan# 2498
Delta R.T. -0.00 min
Lab File: BG021416.D
Acq: 10 Mar 2016 20:15

Instrument :
BNA_G
ClientSampleId :
P010-SS003-01

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	11.8	17.8
176	20.3	14.8	22.2

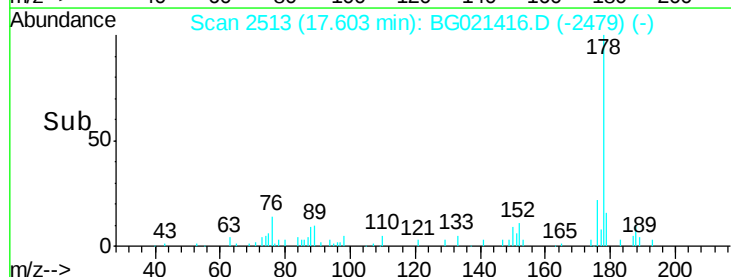
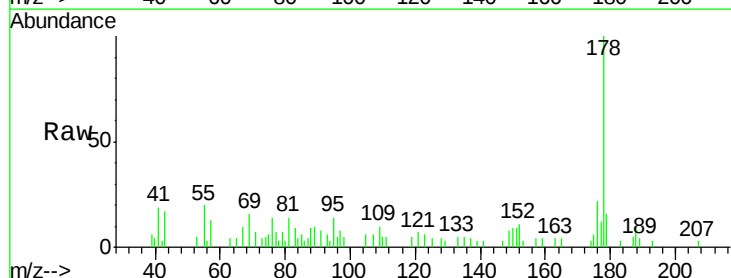
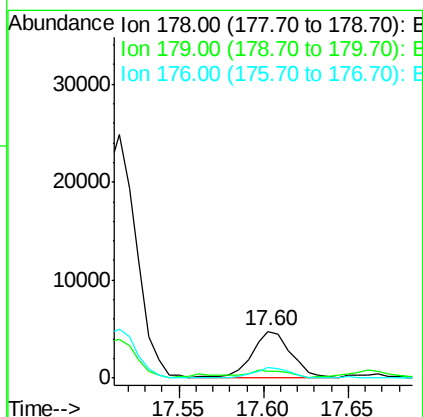
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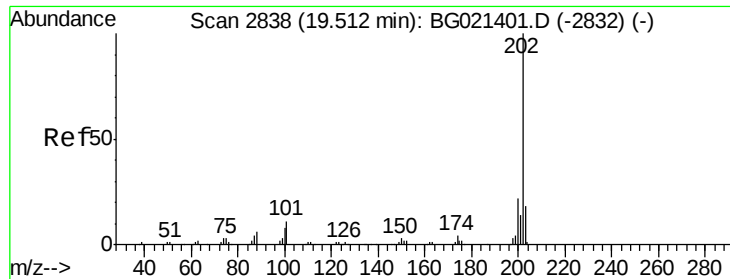
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#72
Anthracene
Concen: 1.47 ng/ul
RT: 17.60 min Scan# 2513
Delta R.T. 0.00 min
Lab File: BG021416.D
Acq: 10 Mar 2016 20:15

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.9	19.3
176	21.9	15.6	23.4





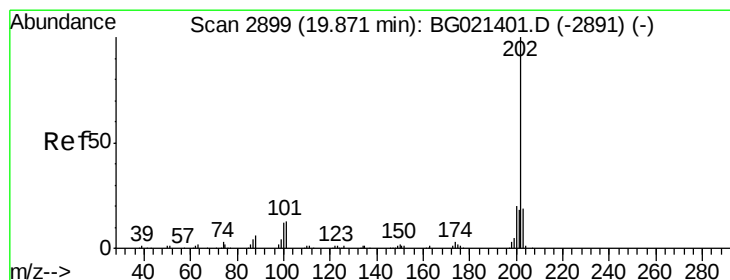
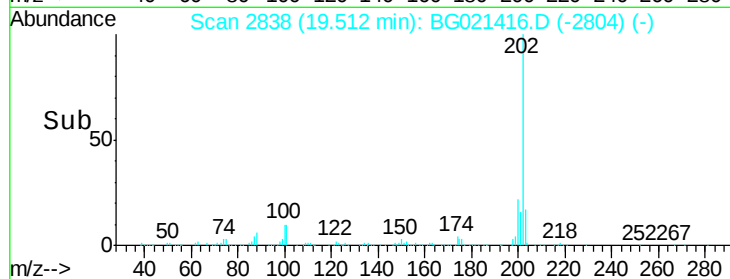
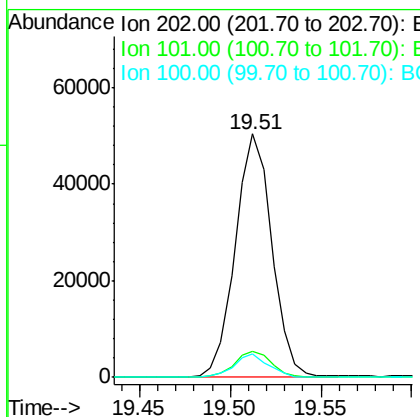
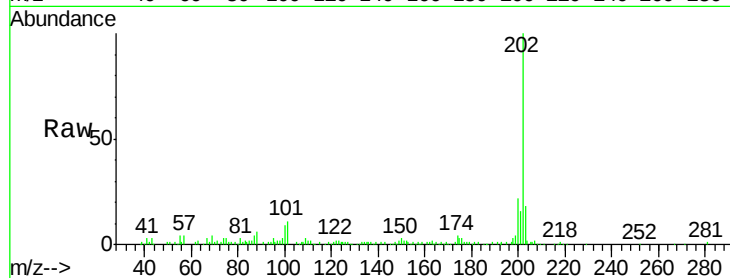
#77
Fluoranthene
Concen: 11.71 ng/ul
RT: 19.51 min Scan# 2838
Delta R.T. -0.00 min
Lab File: BG021416.D
Acq: 10 Mar 2016 20:15

Instrument :
BNA_G
ClientSampleId :
P010-SS003-01

Tgt Ion:	202	Resp:	70953
Ion Ratio	Lower	Upper	
202	100		
101	10.6	8.9	13.3
100	9.5	7.0	10.4

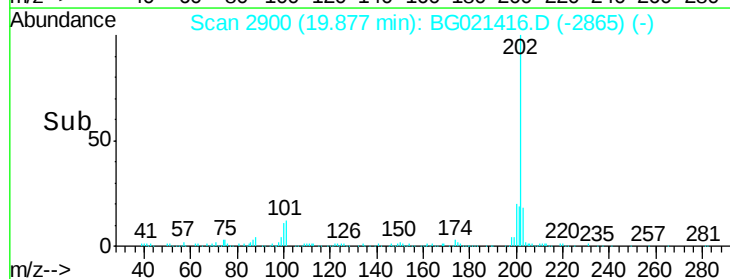
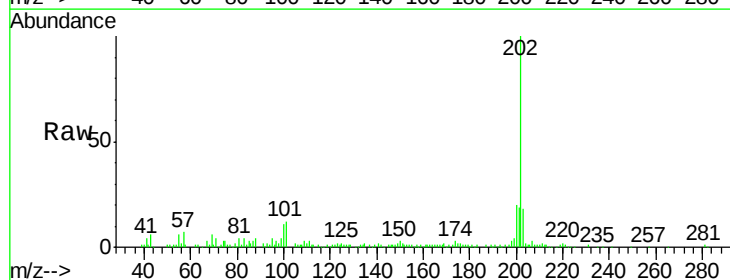
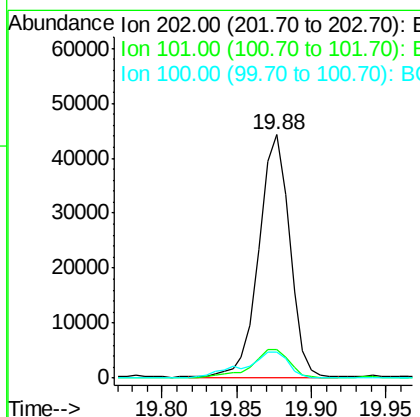
Manual Integrations
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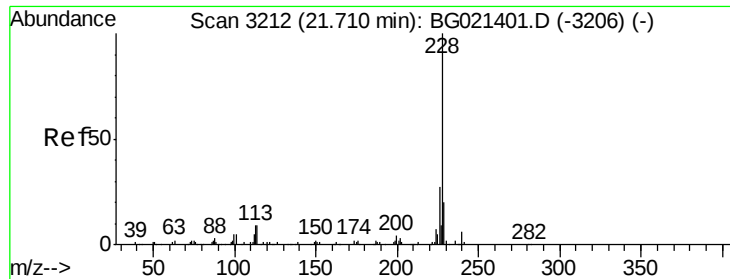
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#80
Pyrene
Concen: 9.87 ng/ul
RT: 19.88 min Scan# 2900
Delta R.T. 0.01 min
Lab File: BG021416.D
Acq: 10 Mar 2016 20:15

Tgt Ion:	202	Resp:	63297
Ion Ratio	Lower	Upper	
202	100		
101	11.8	9.8	14.8
100	10.8	9.3	13.9





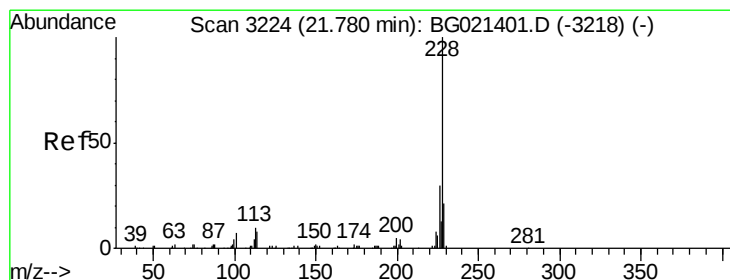
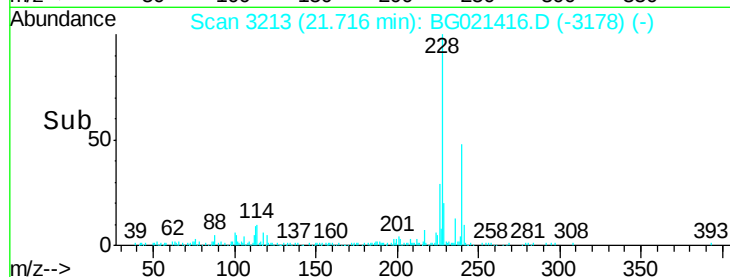
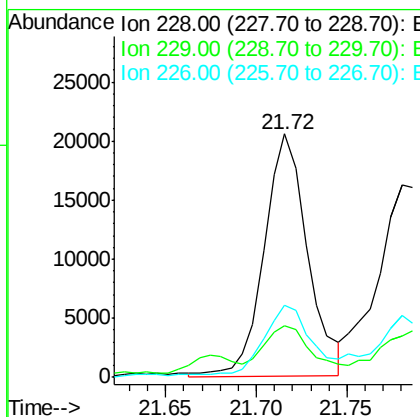
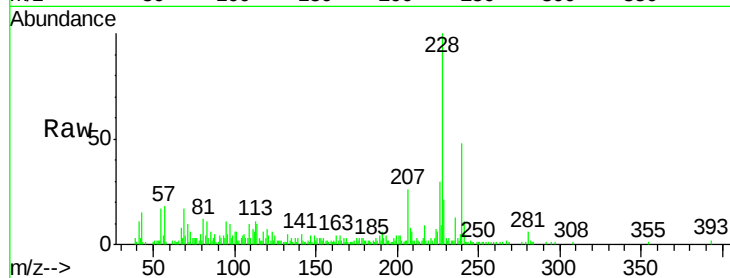
#83
Benzo(a)anthracene
Concen: 5.47 ng/ul
RT: 21.72 min Scan# 3213
Delta R.T. 0.01 min
Lab File: BG021416.D
Acq: 10 Mar 2016 20:15

Instrument :
BNA_G
ClientSampleId :
P010-SS003-01

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	34210		
229	21.3	16.6	25.0	
226	29.6	21.0	31.4	

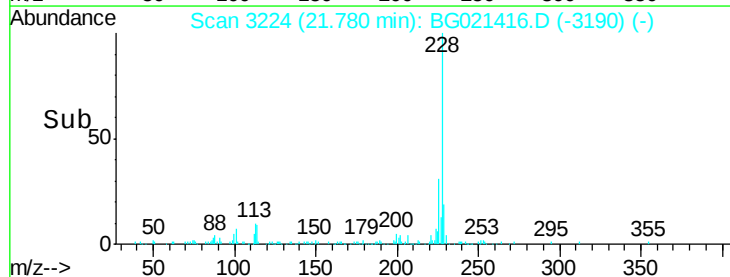
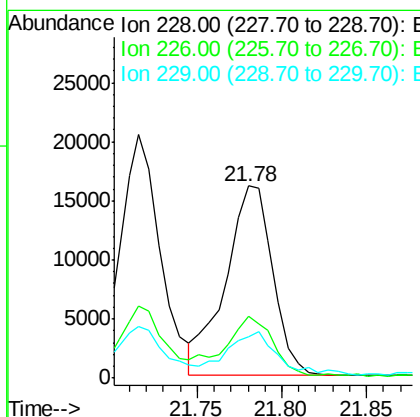
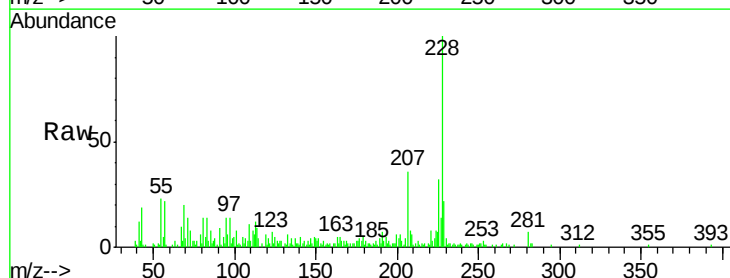
Manual Integrations
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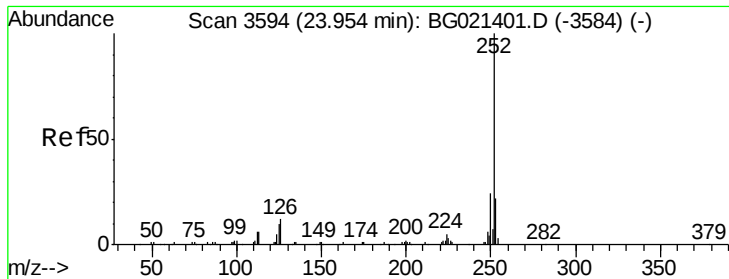
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#85
Chrysene
Concen: 5.41 ng/ul
RT: 21.78 min Scan# 3224
Delta R.T. 0.00 min
Lab File: BG021416.D
Acq: 10 Mar 2016 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	31351		
226	32.0	23.4	35.2	
229	21.7	16.2	24.2	





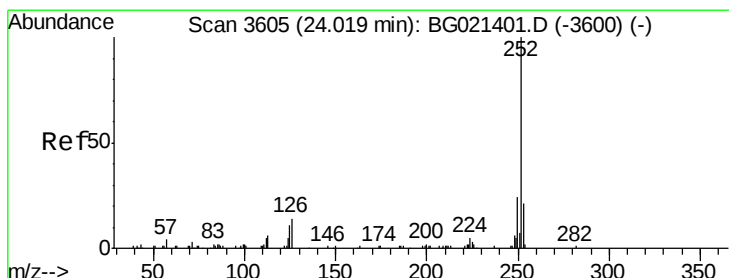
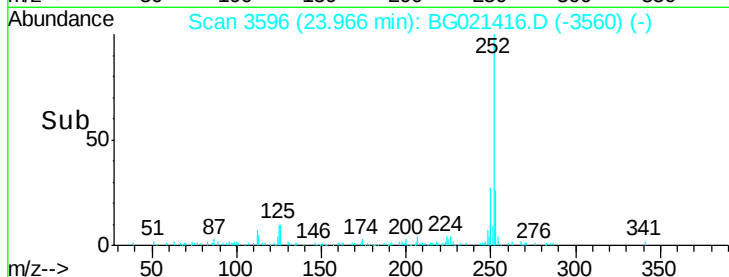
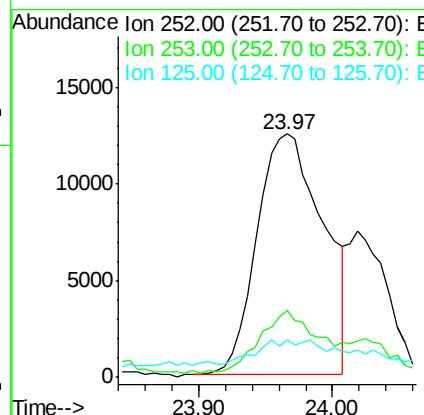
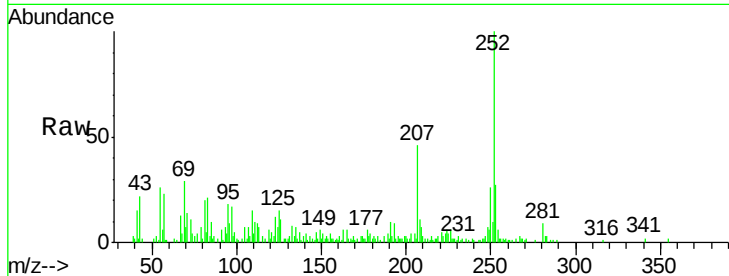
#88
Benzo(b)fluoranthene
Concen: 6.88 ng/ul
RT: 23.97 min Scan# 3596
Delta R.T. 0.01 min
Lab File: BG021416.D
Acq: 10 Mar 2016 20:15

Instrument :
BNA_G
ClientSampleId :
P010-SS003-01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.4	18.1	27.1#
125	15.4	7.6	11.4#

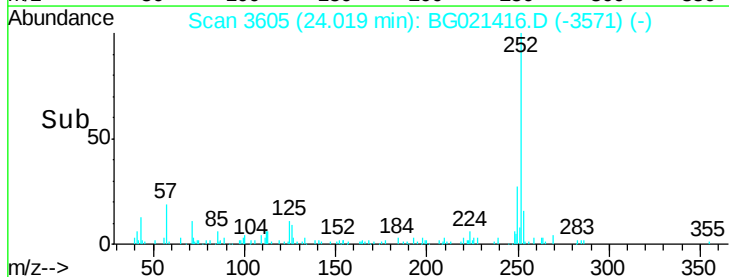
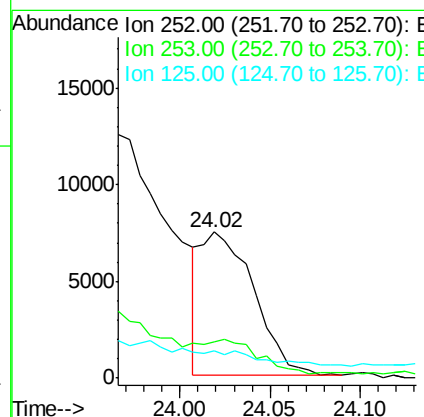
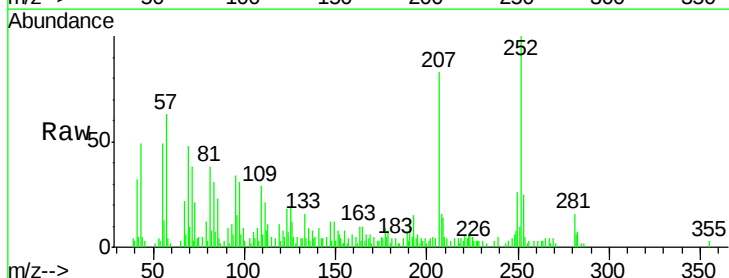
Manual Integrations
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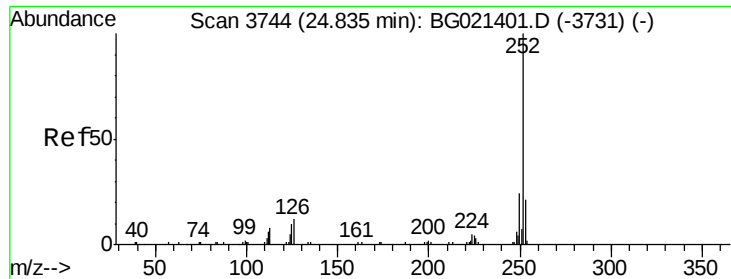
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#89
Benzo(k)fluoranthene
Concen: 2.48 ng/ul m
RT: 24.02 min Scan# 3605
Delta R.T. -0.00 min
Lab File: BG021416.D
Acq: 10 Mar 2016 20:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.8	26.8
125	19.1	7.7	11.5#





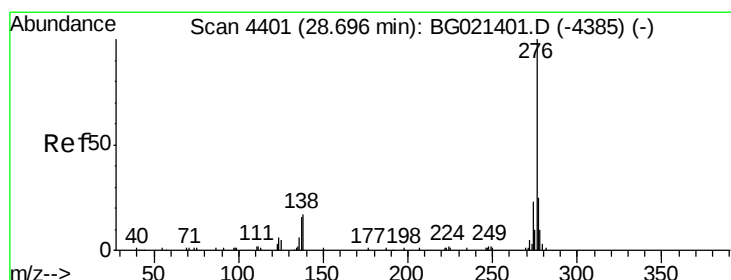
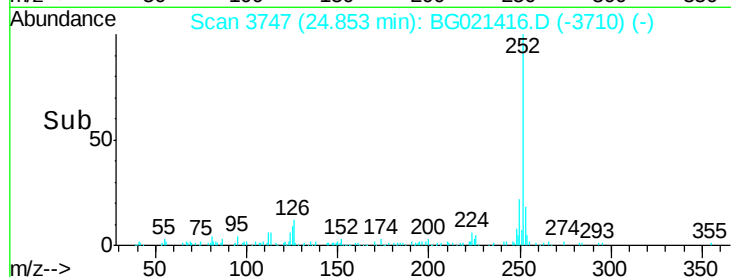
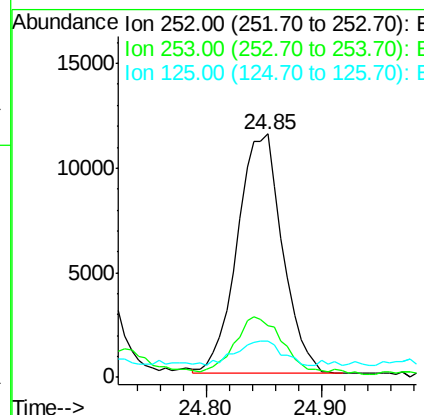
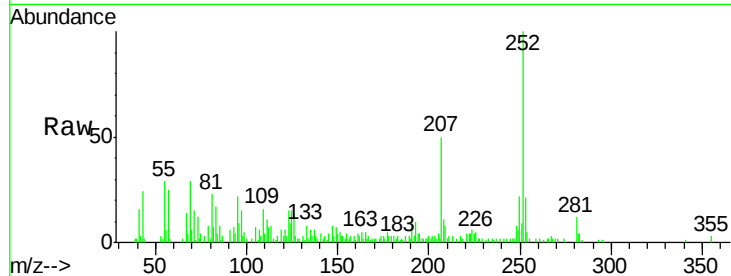
#91
Benzo(a)pyrene
Concen: 5.12 ng/ul
RT: 24.85 min Scan# 3747
Delta R.T. 0.02 min
Lab File: BG021416.D
Acq: 10 Mar 2016 20:15

Instrument :
BNA_G
ClientSampleId :
P010-SS003-01

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	31193		
253	21.1	17.4	26.0	
125	14.7	8.2	12.2#	

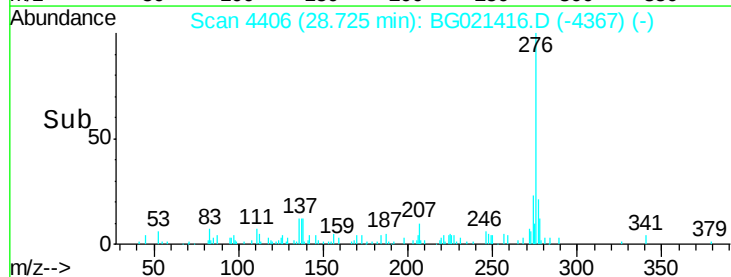
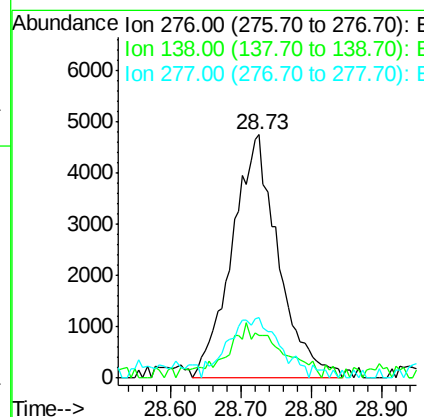
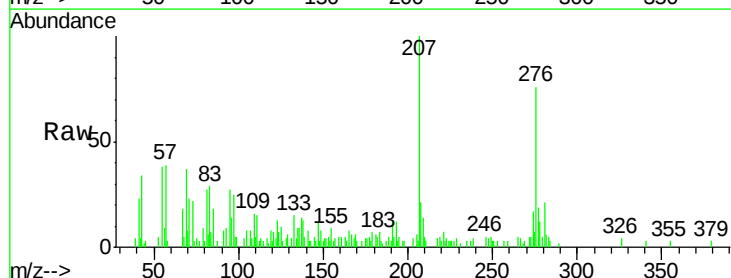
Manual Integrations
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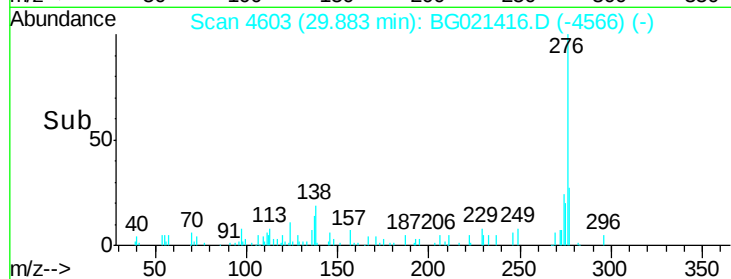
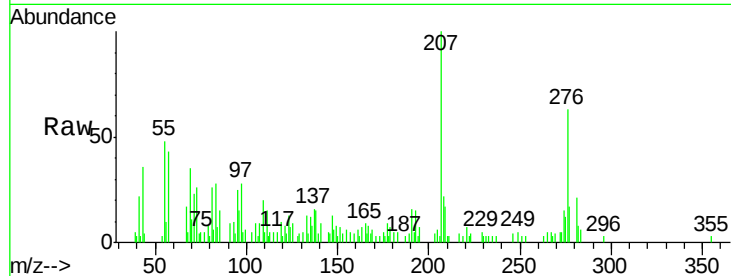
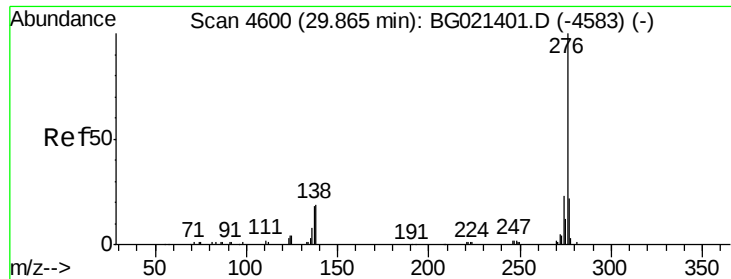
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#92
Indeno(1,2,3-cd)pyrene
Concen: 3.23 ng/ul
RT: 28.73 min Scan# 4406
Delta R.T. 0.03 min
Lab File: BG021416.D
Acq: 10 Mar 2016 20:15

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	21668		
138	17.6	15.8	23.6	
277	24.7	19.0	28.6	





#94

Benzo(g,h,i)perylene

Concen: 3.06 ng/ul m

RT: 29.88 min Scan# 4603

Delta R.T. 0.02 min

Lab File: BG021416.D

Acq: 10 Mar 2016 20:15

Tgt Ion:	276	Resp:	16922
Ion Ratio	Lower	Upper	
276	100		
138	23.9	13.9	20.9#
277	26.7	19.8	29.6

Instrument :

BNA_G

ClientSampleId :

P010-SS003-01

Manual Integrations
APPROVED

Sohil
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