

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
 Data File : BG021875.D
 Acq On : 12 May 2016 19:14
 Operator : UM/SJ
 Sample : H2936-13
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9WK2

Manual Integrations
 APPROVED

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 5/13/2016 8:12:14 PM

Quant Time: May 13 12:41:30 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	74952	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	411934	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	261047	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	536812	20.00	ng/ul	0.00
76) Chrysene-d12	21.83	240	535170	20.00	ng/ul	0.00
84) Perylene-d12	25.17	264	540062	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.56	96	6057	3.90	ng/uL	0.00
5) Phenol-d5	7.32	99	140040	25.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	62006	22.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	124398	28.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	129424	27.71	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	63451	23.43	ng/ul	0.00
22) 2-Nitrophenol-d4	10.07	143	76477m	44.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	138339	28.60	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	128591m	24.68	ng/ul	0.00
44) Dimethylphthalate-d6	14.19	166	421258	22.97	ng/ul	0.00
47) Acenaphthylene-d8	14.49	160	561546	21.57	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	75016m	23.87	ng/ul	0.00
58) Fluorene-d10	15.79	176	382938	19.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.90	200	32889m	22.12	ng/ul	0.00
71) Anthracene-d10	17.64	188	538397	20.60	ng/ul	0.00
77) Pyrene-d10	19.92	212	566769m	22.63	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.94	264	549585	21.42	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	14.24	163	69217	3.71	ng/ul	98
70) Phenanthrene	17.58	178	312163	10.64	ng/ul	98
72) Anthracene	17.67	178	37575	1.26	ng/ul	97
75) Fluoranthene	19.58	202	543301	16.29	ng/ul#	95
78) Pyrene	19.95	202	403498	13.03	ng/ul	97
79) Butylbenzylphthalate	20.82	149	10442	1.53	ng/ul#	78
81) Benzo(a)anthracene	21.80	228	256883	8.63	ng/ul	96
82) Bis(2-ethylhexyl)phthalate	21.69	149	62384	5.58	ng/ul	95
83) Chrysene	21.87	228	234808	7.97	ng/ul	96
86) Benzo(b)fluoranthene	24.10	252	305286	9.88	ng/ul#	95
87) Benzo(k)fluoranthene	24.16	252	107879m	3.26	ng/ul	
89) Benzo(a)pyrene	25.01	252	202838	6.59	ng/ul#	92
90) Indeno(1,2,3-cd)pyrene	28.98	276	132914	3.64	ng/ul#	93
91) Dibenzo(a,h)anthracene	29.03	278	41849m	1.38	ng/ul	
92) Benzo(g,h,i)perylene	30.18	276	95986	3.19	ng/ul#	89

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

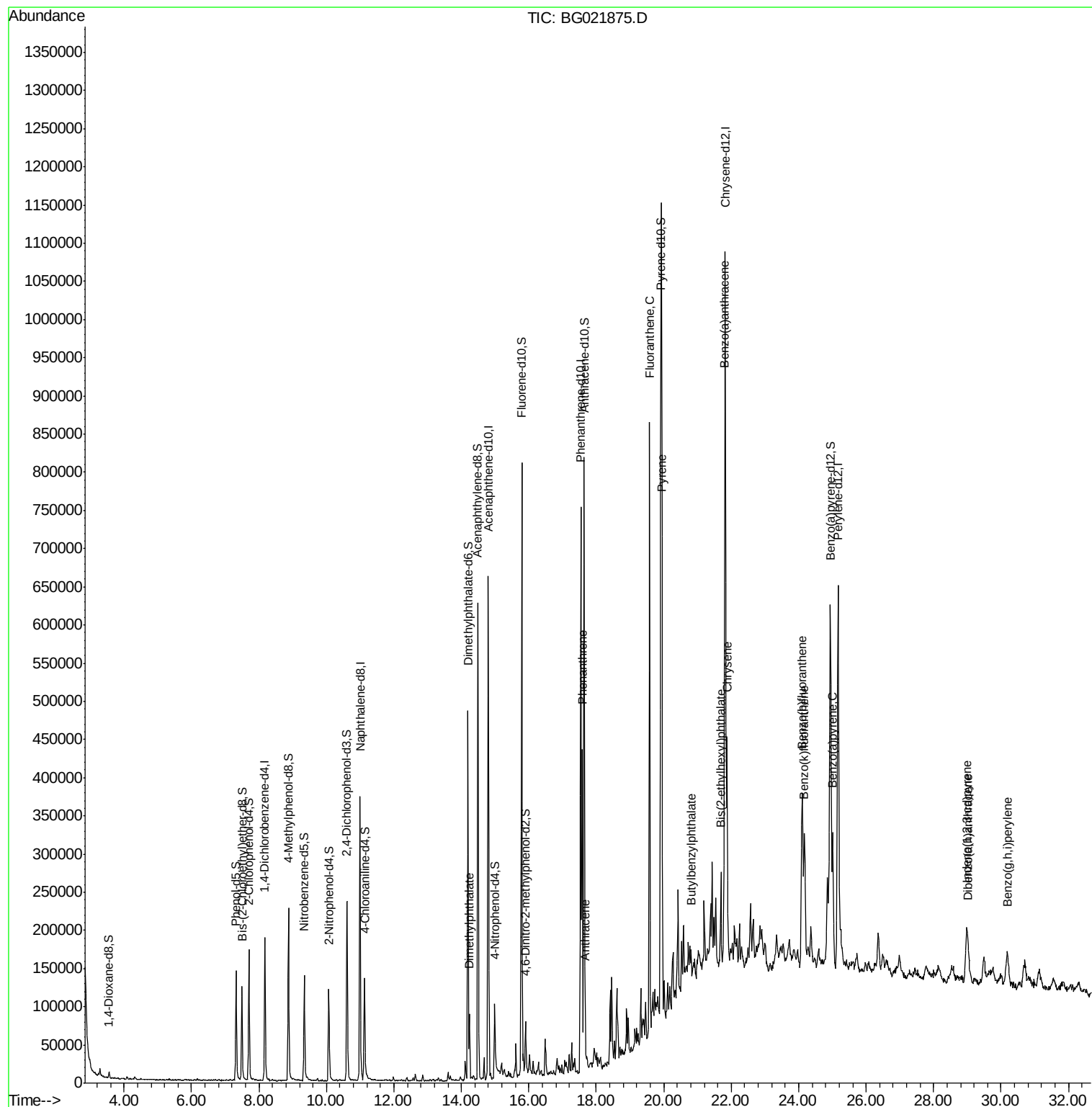
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021875.D
Acq On : 12 May 2016 19:14
Operator : UM/SJ
Sample : H2936-13
Misc :
ALS Vial : 11 Sample Multiplier: 1

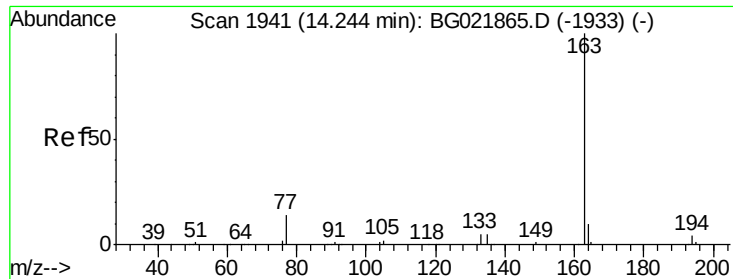
Instrument :
BNA_G
ClientSampleId :
D9WK2

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Quant Time: May 13 12:41:30 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





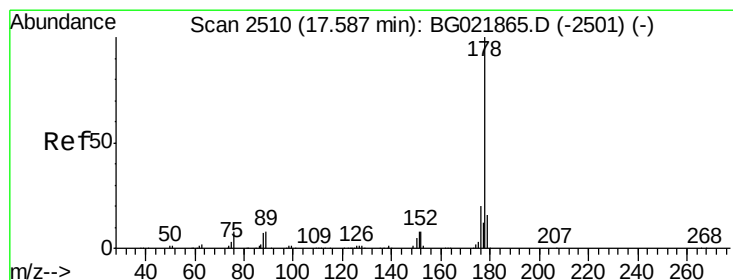
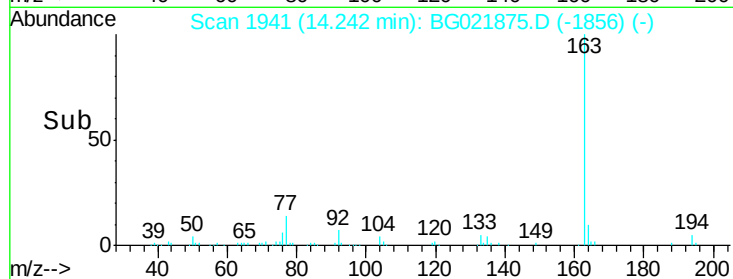
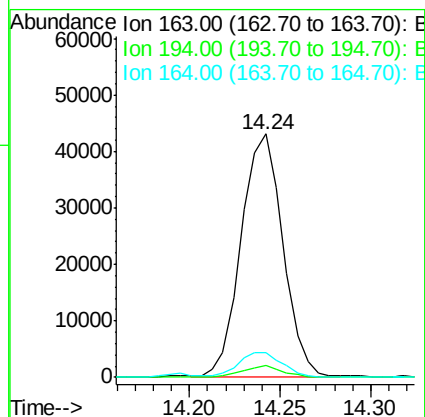
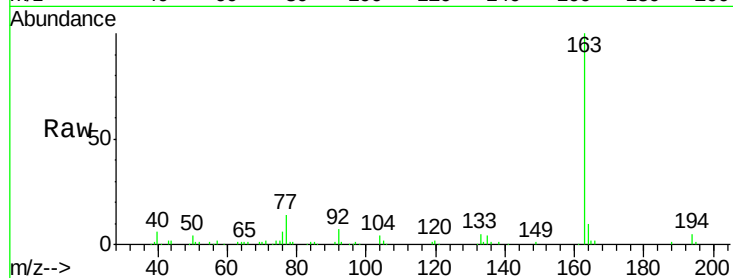
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Dimethylphthalate
Concen: 3.71 ng/ul
RT: 14.24 min Scan# 1941
Delta R.T. -0.00 min
Lab File: BG021875.D
Acq: 12 May 2016 19:14

Instrument :
BNA_G
ClientSampleId :
D9WK2

Tgt Ion:	163	Resp:	69217
Ion Ratio	Lower	Upper	
163	100		
194	4.7	3.9	5.9
164	10.0	8.7	13.1

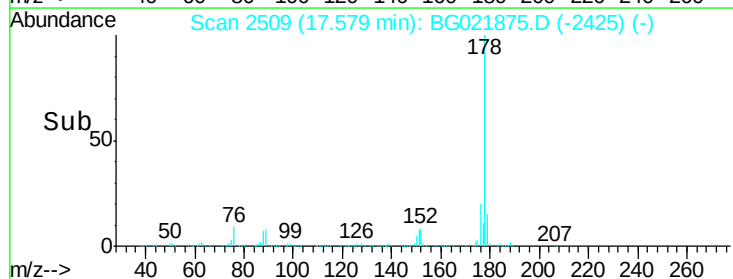
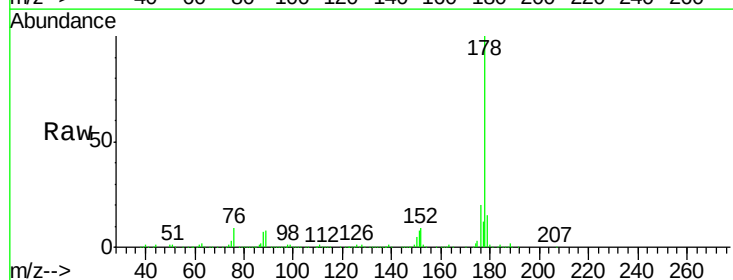
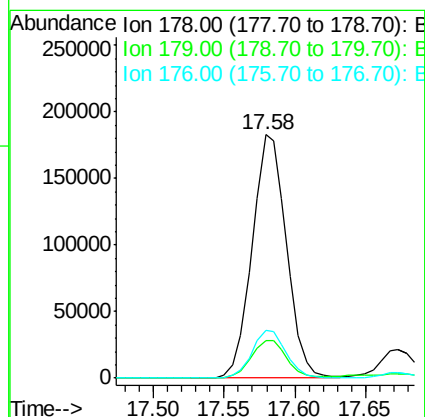
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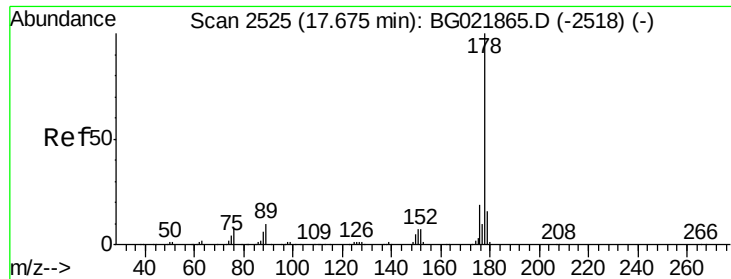
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#70
Phenanthrene
Concen: 10.64 ng/ul
RT: 17.58 min Scan# 2509
Delta R.T. -0.01 min
Lab File: BG021875.D
Acq: 12 May 2016 19:14

Tgt Ion:	178	Resp:	312163
Ion Ratio	Lower	Upper	
178	100		
179	15.2	11.8	17.8
176	19.7	14.8	22.2





#72

Anthracene

Concen: 1.26 ng/ul

RT: 17.67 min Scan# 2525

Delta R.T. -0.00 min

Lab File: BG021875.D

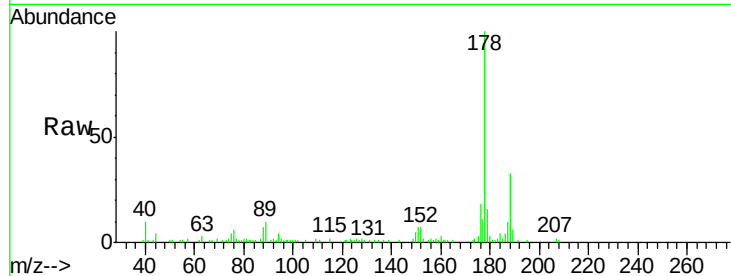
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Instrument :

BNA_G

ClientSampleId :

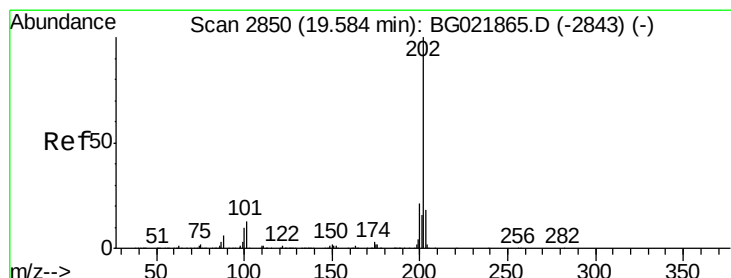
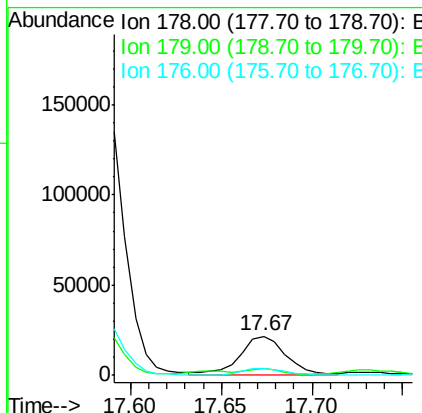
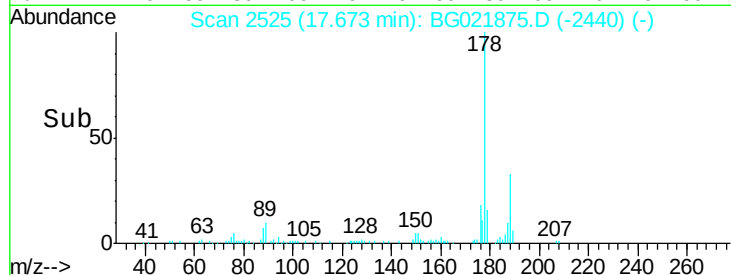
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Tgt Ion	Ratio	Resp	Lower	Upper
178	100	37575		
179	16.5	12.9	19.3	
176	17.6	15.6	23.4	

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#75

Fluoranthene

Concen: 16.29 ng/ul

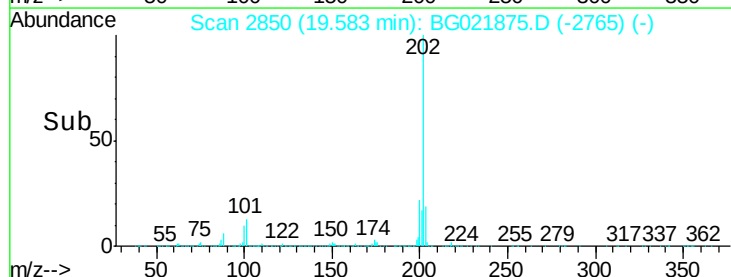
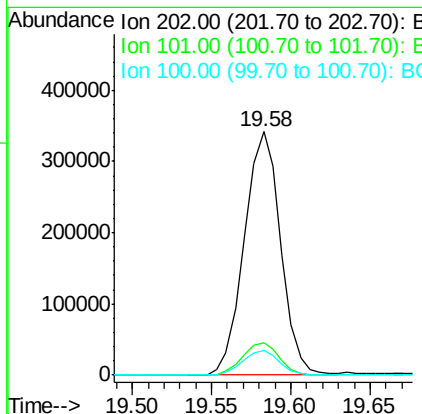
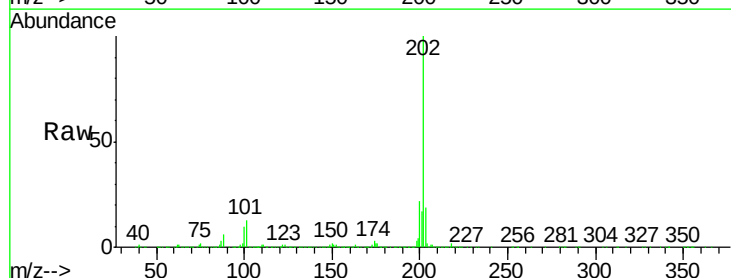
RT: 19.58 min Scan# 2850

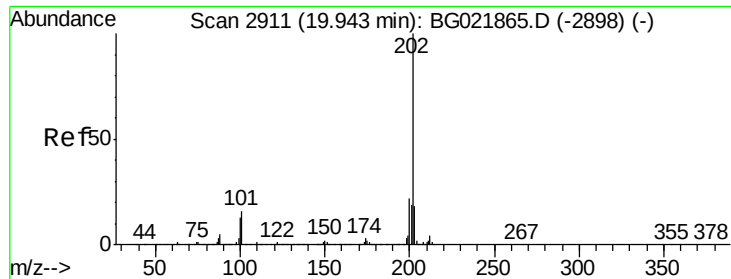
Delta R.T. -0.00 min

Lab File: BG021875.D

Acq: 12 May 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	543301		
101	13.4	8.9	13.3#	
100	10.0	7.0	10.4	





#78

Pyrene

Concen: 13.03 ng/ul

RT: 19.95 min Scan# 2912

Delta R.T. 0.00 min

Lab File: BG021875.D

Acq: 12 May 2016 19:14

Instrument :

BNA_G

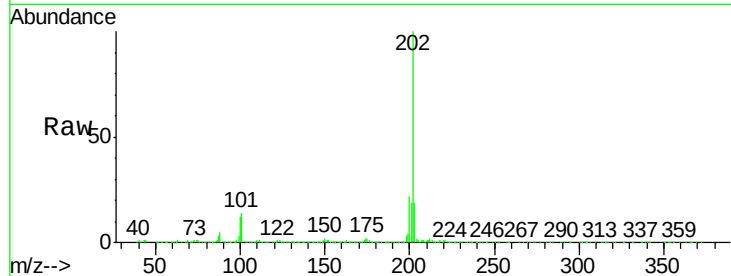
ClientSampleId :

D9WK2

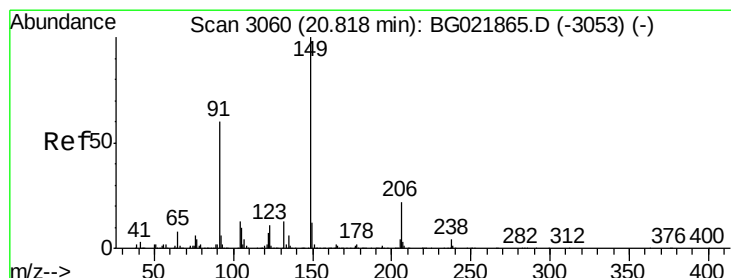
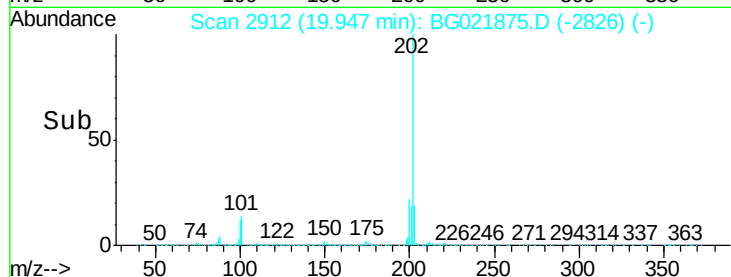
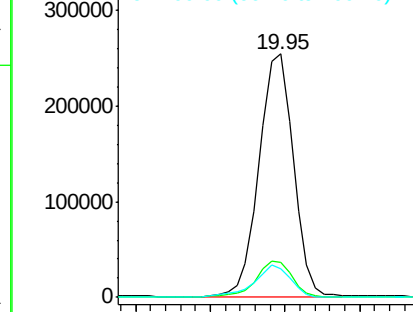
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	14.3	9.8	14.8
100	11.8	9.3	13.9

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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



#79

Butylbenzylphthalate

Concen: 1.53 ng/ul

RT: 20.82 min Scan# 3060

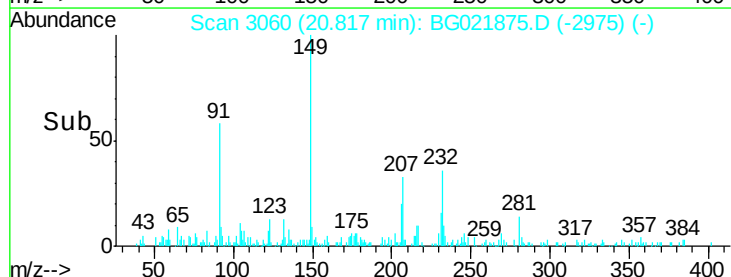
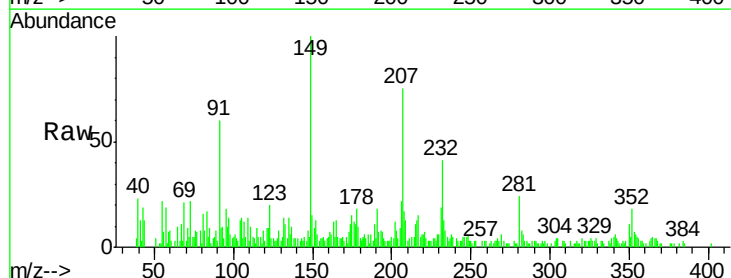
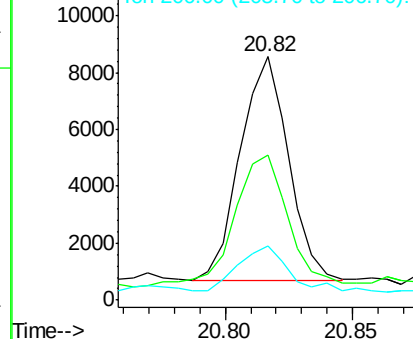
Delta R.T. -0.00 min

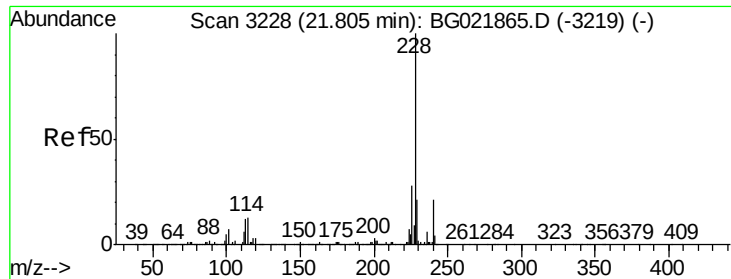
Lab File: BG021875.D

Acq: 12 May 2016 19:14

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	59.6	65.8	98.8#
206	22.3	15.5	23.3

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): B
Ion 206.00 (205.70 to 206.70): E





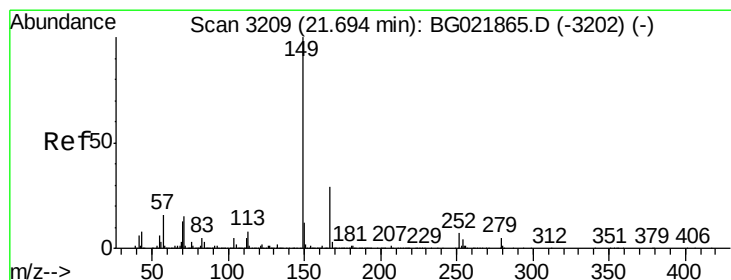
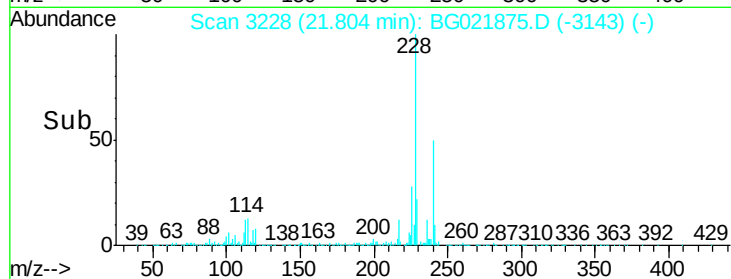
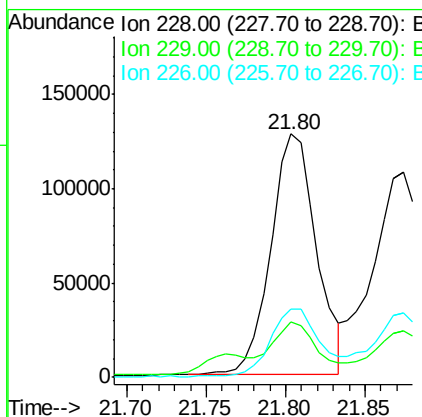
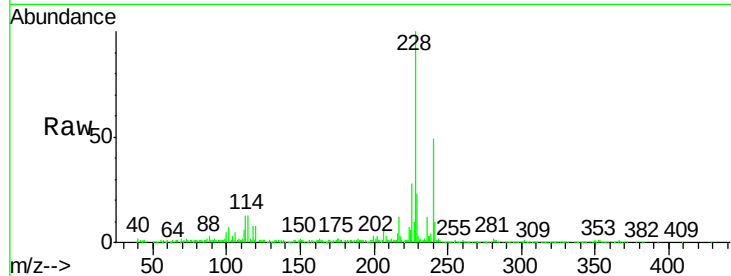
#81
Benzo(a)anthracene
Concen: 8.63 ng/ul
RT: 21.80 min Scan# 3228
Delta R.T. -0.00 min
Lab File: BG021875.D
Acq: 12 May 2016 19:14

Instrument :
BNA_G
ClientSampleId :
D9WK2

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	256883		
229	23.0	16.6	25.0	
226	28.0	21.0	31.4	

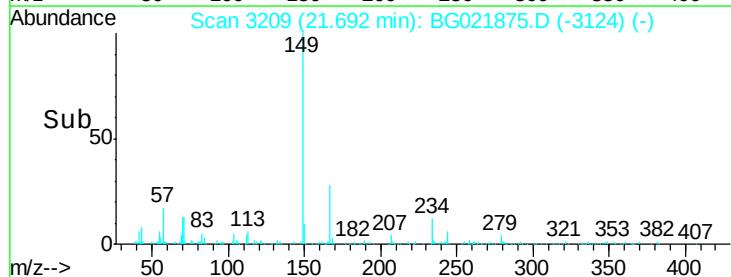
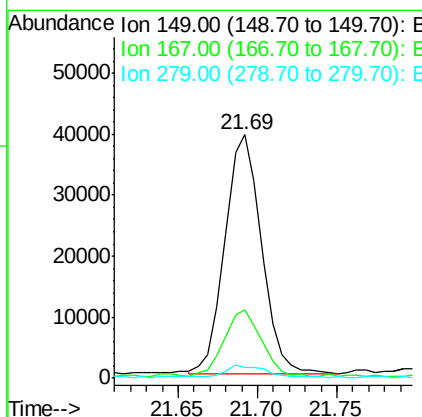
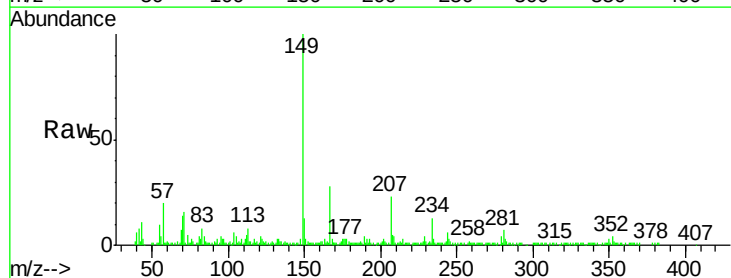
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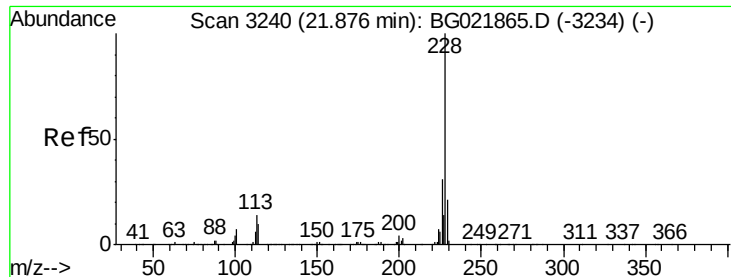
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#82
Bis(2-ethylhexyl)phthalate
Concen: 5.58 ng/ul
RT: 21.69 min Scan# 3209
Delta R.T. -0.00 min
Lab File: BG021875.D
Acq: 12 May 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	62384		
167	28.3	20.5	30.7	
279	4.5	3.7	5.5	





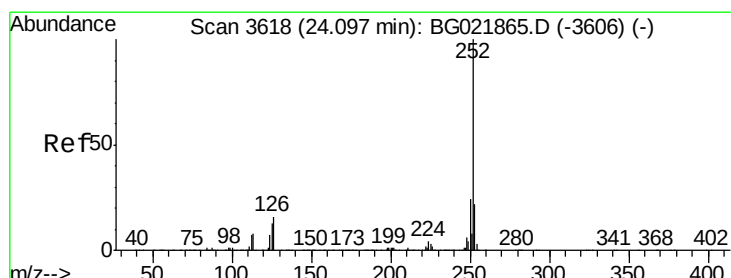
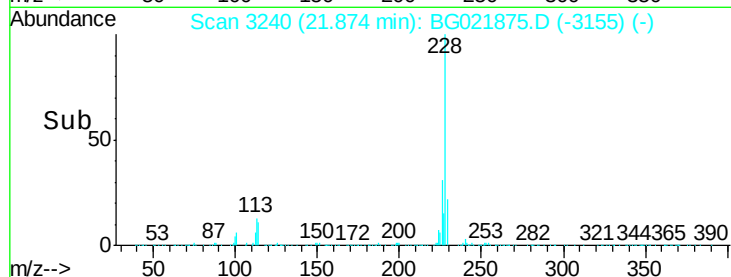
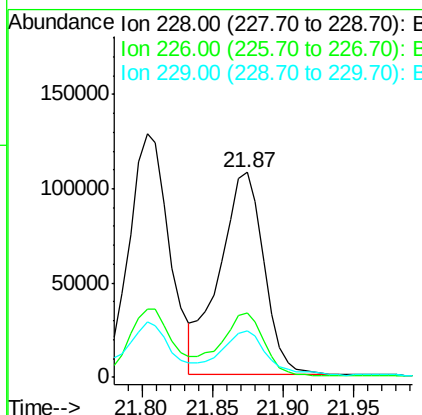
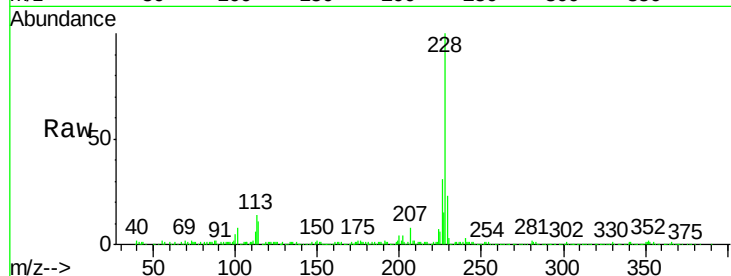
#83
Chrysene
Concen: 7.97 ng/ul
RT: 21.87 min Scan# 3240
Delta R.T. -0.00 min
Lab File: BG021875.D
Acq: 12 May 2016 19:14

Instrument :
BNA_G
ClientSampleId :
D9WK2

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	234808		
226	31.2		23.4	35.2
229	22.8		16.2	24.2

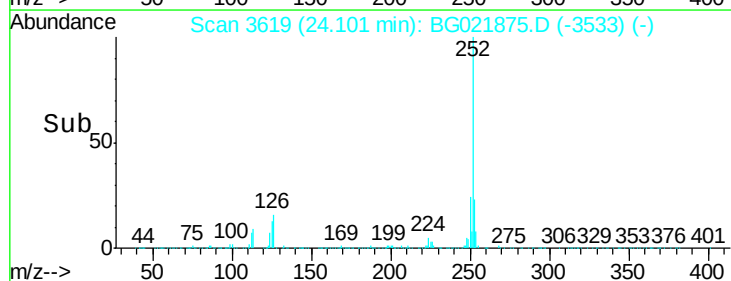
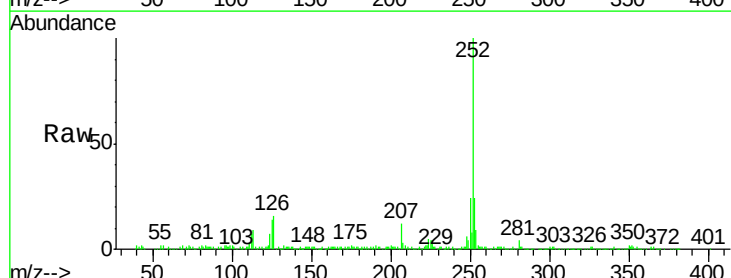
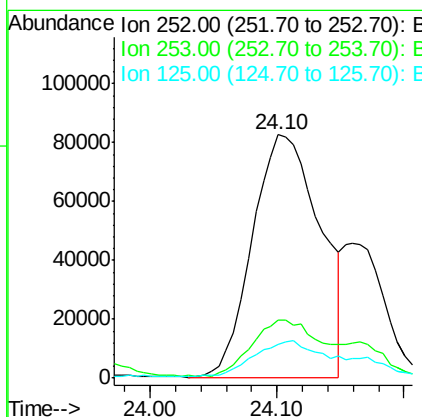
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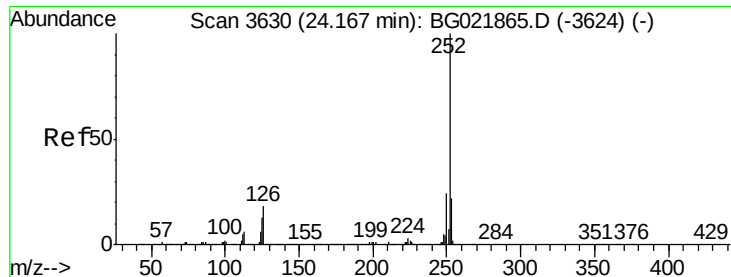
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#86
Benzo(b)fluoranthene
Concen: 9.88 ng/ul
RT: 24.10 min Scan# 3619
Delta R.T. 0.00 min
Lab File: BG021875.D
Acq: 12 May 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	305286		
253	23.7		18.1	27.1
125	13.8		7.6	11.4#





#87

Benzo(k)fluoranthene

Concen: 3.26 ng/ul m

RT: 24.16 min Scan# 3629

Delta R.T. -0.01 min

Lab File: BG021875.D

Acq: 12 May 2016 19:14

Instrument :

BNA_G

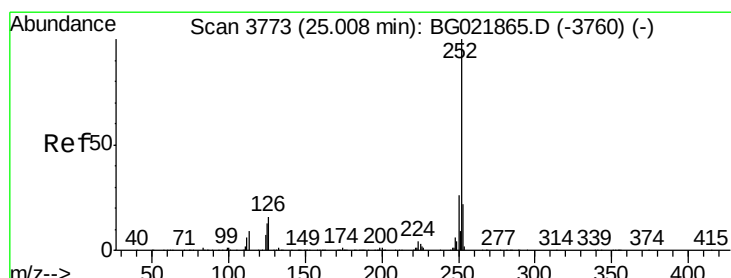
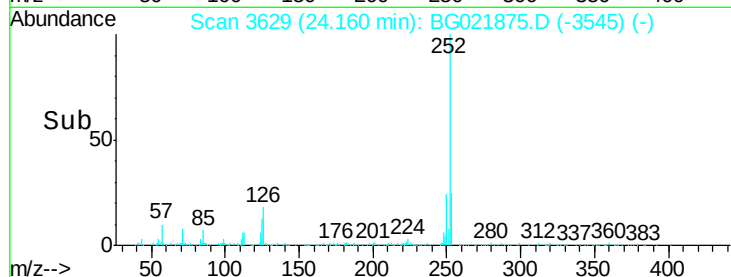
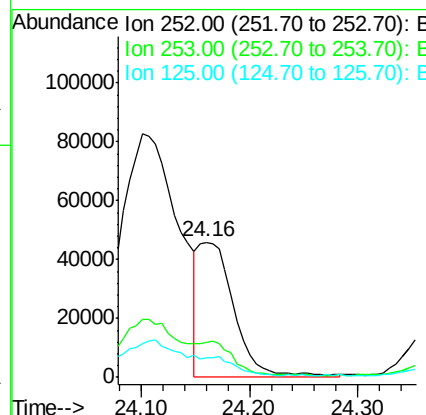
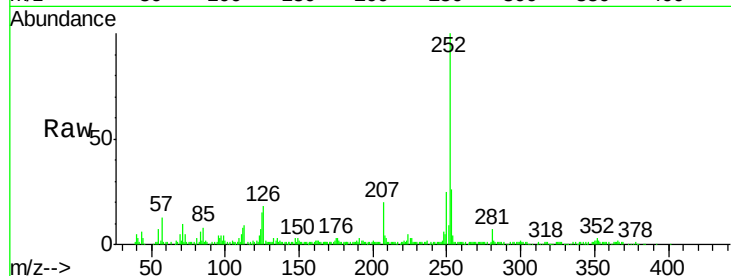
ClientSampleId :

D9WK2

Tgt	Ion	Ratio	Resp	Lower	Upper
252	100		107879		
253	26.1	17.8	26.8		
125	14.8	7.7	11.5#		

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#89

Benzo(a)pyrene

Concen: 6.59 ng/ul

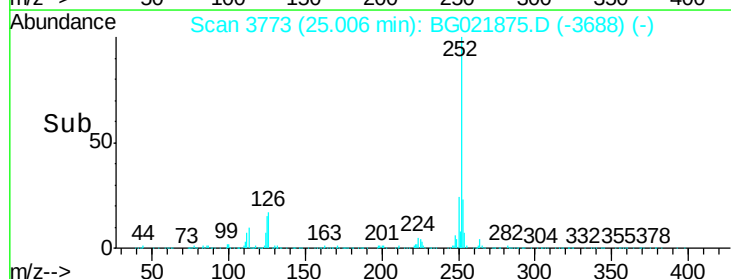
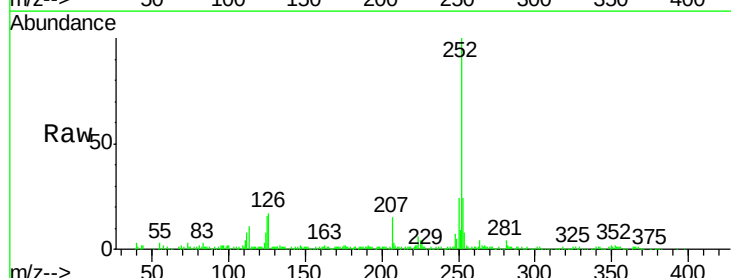
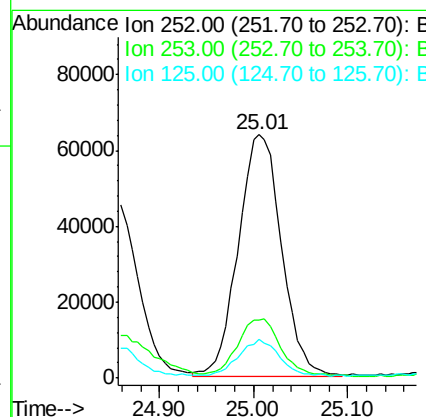
RT: 25.01 min Scan# 3773

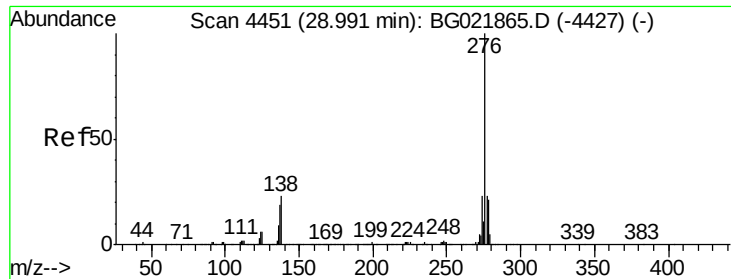
Delta R.T. -0.00 min

Lab File: BG021875.D

Acq: 12 May 2016 19:14

Tgt	Ion	Ratio	Resp	Lower	Upper
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253	23.6	17.4	26.0		
125	15.8	8.2	12.2#		





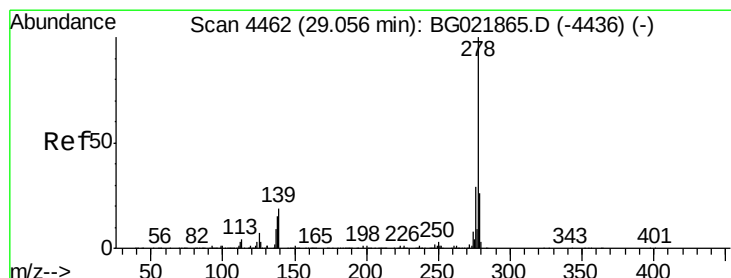
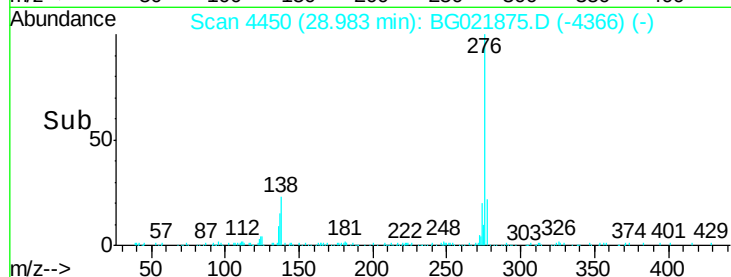
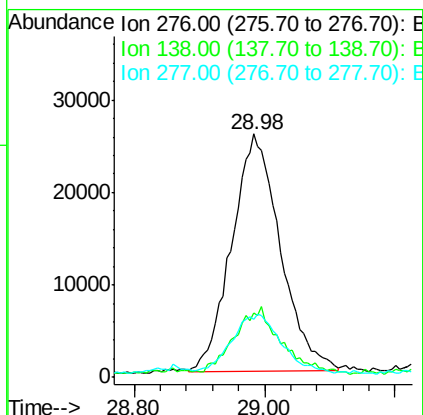
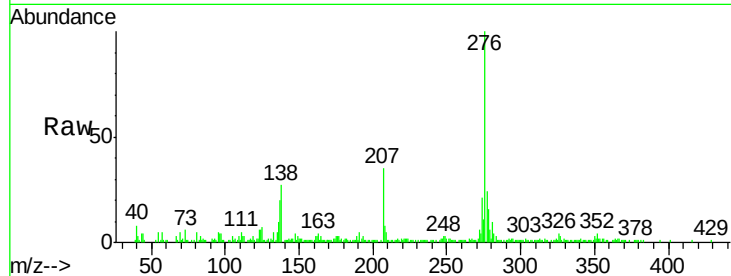
#90
 Indeno(1,2,3-cd)pyrene
 Concen: 3.64 ng/ul
 RT: 28.98 min Scan# 4450
 Delta R.T. -0.01 min
 Lab File: BG021875.D
 Acq: 12 May 2016 19:14

Instrument :
 BNA_G
 ClientSampleId :
 D9WK2

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	132914		
138	26.7	15.8	23.6#	
277	23.6	19.0	28.6	

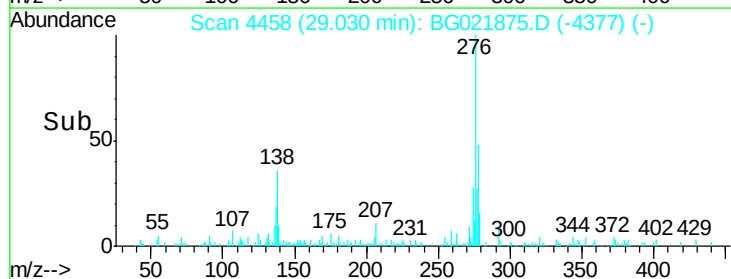
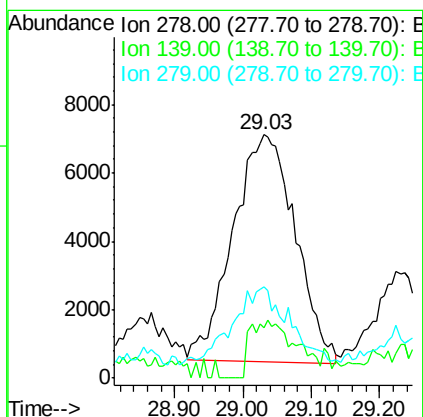
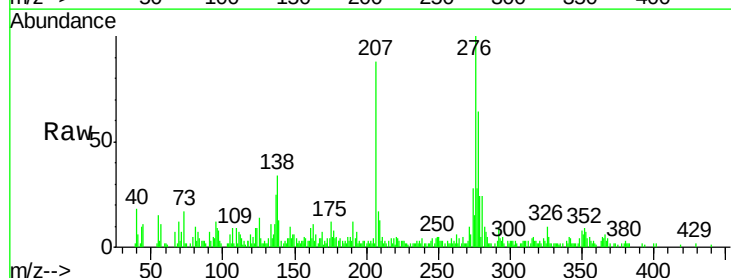
Manual Integrations
 APPROVED

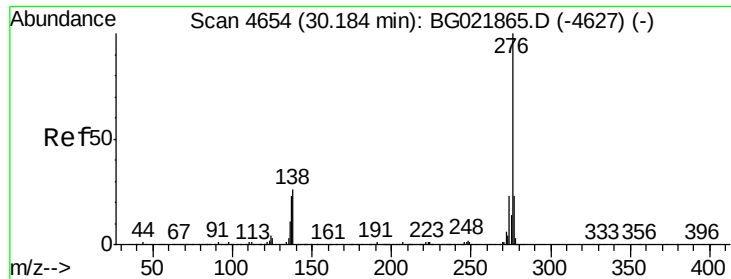
sohil
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#91
 Dibenzo(a,h)anthracene
 Concen: 1.38 ng/ul m
 RT: 29.03 min Scan# 4458
 Delta R.T. -0.03 min
 Lab File: BG021875.D
 Acq: 12 May 2016 19:14

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	41849		
139	20.6	12.1	18.1#	
279	37.4	19.8	29.8#	





#92
 Benzo(g,h,i)perylene
 Concen: 3.19 ng/ul
 RT: 30.18 min Scan# 4654
 Delta R.T. -0.00 min
 Lab File: BG021875.D
 Acq: 12 May 2016 19:14

Instrument :
 BNA_G
 ClientSampleId :
 D9WK2

Tgt Ion:	276	Resp:	95986
Ion Ratio	Lower	Upper	
276	100		
138	27.8	13.9	20.9#
277	23.9	19.8	29.6

Manual Integrations
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